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MEDICARE HOSPITAL INFORMATION

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Volume 5

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CALIFORNIA
(PART I)

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U.S. Department of Health and Human Services

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*Acting Administrator*  
Health Care Financing Administration

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# FOREWORD

The mission of the Health Care Financing Administration (HCFA) is to promote the timely delivery of appropriate, quality health care to the nation's aged, disabled, and poor. The agency must also ensure that beneficiaries are aware of the services for which they are eligible, that those services are accessible, and that agency policies and actions promote efficiency and quality within the total health care delivery system.

To that end, the annual release of the Medicare Hospital Information report is a key element in our continuing efforts to improve the effectiveness of medical practice and the quality of care provided to Medicare beneficiaries. It is also an important step in helping beneficiaries make more informed health care decisions.

**The information in this release is not intended as a direct measure of quality of care.** It is best used as a "screening tool"—that is, to identify potential problems for further review and, in consultation with medical staff, to evaluate a hospital's strengths and weaknesses. Thus, we believe that consumers can use this information to ask questions of their physicians, rather than reach judgments about the quality of care in a particular hospital. We also expect this information to be used by hospital administrators, physicians, peer review organizations, State survey and certification agencies, and researchers.

This publication presents information to answer the question "What is the actual mortality rate within a certain period of time for each hospital compared to the rate that would have been predicted, given what we know about the characteristics of the patients admitted?" Our basic approach to analyzing hospital mortality information has remained unchanged for the past five years; however, since the last publication of mortality information in May 1991, we have made some significant changes both in our methodology and in the way we display the results of our analysis. The four principal changes in the 1992 report are:

- A graphic presentation of the predicted and observed mortality rates for most hospitals for "All Causes" for Federal fiscal years 1988-1990 at 30, 90, and 180 days;
- The addition of information on certain variables that we use in computing the predicted mortality rates for each hospital;
- The addition of information on the geographic origin of each hospital's patients; and

- A comparison of the average length of stay in each hospital with the average for the State and Nation.

These refinements should make this information an even more valuable educational tool to help improve the quality of care in hospitals. The changes were reviewed by a panel of outside experts. The methodology used to calculate the observed mortality rate, the predicted mortality rate, and the standard deviation are briefly described in the Technical Information section of the Introduction to this volume and in more detail in the Technical Supplement (Volume 55).

We acknowledge the assistance we have received from the American Hospital Association—not only for providing the information detailing selected hospital characteristics, but also for alerting its members to the importance of this information. We are also grateful to the personnel in each hospital who took the time to review the data thoroughly and to provide us with comments and suggestions. As before, we have published individual hospitals' comments in their respective State volumes. Over the years, these communications have helped to improve and refine the information included in this publication.

HCFA is committed to improving the Medicare Hospital Information report. To that end, we are continuing to work with representatives of hospital, consumer, employer and other organizations to make this annual report as useful as possible for all consumers.

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Hospital Comments

# INTRODUCTION

The Medicare Hospital Information report contains information on acute care hospitals that treated Medicare patients discharged in Federal fiscal year (FY) 1990 (October 1, 1989—September 30, 1990).

This year's publication set consists of 54 State volumes and a Technical Supplement (Volume 55). There is one volume per State, except that California and Texas have two volumes each, Hawaii is combined with American Samoa and Guam, and Puerto Rico and the Virgin Islands are combined together in one volume.

Each hospital's two summary data pages are arranged alphabetically by hospital name in each State volume. These data pages consist of:

- The hospital's FY 1990 Medicare hospital mortality rates;
- A graphic presentation of the predicted and observed mortality rates for **most** hospitals for "All Causes" for FYs 1988—1990 at 30, 90, and 180 days;
- The FY 1990 values for selected explanatory factors used to predict the mortality rates;
- Origins and lengths of stays of Medicare admissions; and
- Hospital characteristics, such as the number of beds and other characteristics, which we obtained from data contained in the American Hospital Association's (AHA) 1990 Annual Survey of Hospitals files or, when such information was not available from the AHA file, the Health Care Financing Administration's (HCFA) Online Survey, Certification and Reporting System (OSCAR) file.

*Please note that the information regarding origins and lengths of stays and hospital characteristics are presented strictly for information purposes only. They were not used to calculate the hospital's predicted mortality rates.*

Toward the end of each volume, we include both State and national mortality rates developed by our analysis, as well as the comments we received from individual hospitals.

## DESCRIPTION OF MORTALITY INFORMATION

The mortality rates at a given hospital may reflect, among other factors, the age, sex, diagnoses, and severity of illness of patients admitted to that hospital, as well as the quality of care they received. Factors affecting health and the probability of death vary among the patient populations served by individual hospitals. Consequently, the mortality rates in different patient populations vary considerably.

These latest analyses of the mortality rates associated with Medicare hospitalizations are similar to those carried out in the four prior years. Only one hospitalization for every patient was used. As in last year's analysis, when a patient had multiple hospitalizations during the fiscal year, one stay was selected at random to be analyzed. We believe that the use of the randomly selected admission provides a better representation of a typical hospital admission and permits us to calculate mortality rates more nearly like those the hospital itself would calculate for its patients.

Although we publish data only on deaths which occur within 180 days of admission to the hospital, for purposes of analysis our methodology actually considers deaths which occur any time within 365 days of admission (with the exception that no date of death later than April 1, 1991 is used). This is part of the formula which assesses the long-term risk of mortality. With this approach, information about the early and later results of the hospitalization is provided. This is important because diseases evolve with different time courses, and treatments may have different short- and long-term effects. The choice of at least 180 days allows substantial followup consistent with timely reporting of HCFA data.

We again analyzed the data on a fiscal year, rather than on a calendar year, basis because it allows us to report on recent hospitalizations. Also, new Medicare rules are often instituted on a fiscal year basis.

For each hospital, mortality rates are presented for overall Medicare patient mortality and for eight medical conditions and nine procedures. The information consists of the number of Medicare patients; the observed or actual mortality rate (OBS); the predicted mortality rate (PRED), given the mix of patients; and a standard deviation (SD), a measure of the uncertainty of the predicted rate.

The following information will be helpful when reviewing specific information for any given hospital.



## *Number Of Cases*

This is the number of individual Medicare beneficiaries whose discharge in a fiscal year from the short-term, acute care hospital listed was selected for analysis. The total number of cases randomly selected for each hospital is presented under the category “All Causes.” The eight medical condition and nine surgical procedure categories are subgroupings drawn from the “All Causes” selection. Although a particular patient may appear in only one of the eight medical condition categories, that same patient may also appear in one or more of the nine surgical procedure categories. Similarly, a patient may appear in one or more of the nine surgical procedure categories, even though he or she was not included in any of the eight medical condition categories.

The categories chosen for display represent HCFA's interpretation of the categories judged to be important by various outside advisors including the Institute of Medicine. The listed condition and procedure categories do not cover the reason for admission of all the hospitalized Medicare patients in this study. (The ICD-9-CM codes included in each condition and procedure category appear in Table 1 following this Introduction section.)

These conditions and procedures represent the causes for the hospital admission and/or surgical episodes during that stay; they do not necessarily represent the cause of death. HCFA does not have access to cause of death information.

## *Observed Mortality Rate (OBS)*

The observed mortality rate for each category is the percentage of each acute care hospital's selected Medicare patients who died within 30, 90, or 180 days of the selected admission. This rate does **not** represent the percentage whose death was caused by a particular condition or procedure.

The percentage is rounded to the nearest one-tenth of one percent. Both in-hospital deaths and deaths occurring after discharge but within 30, 90, or 180 days of admission are included. For example, if a hospital had 1,000 patients included in the “All Causes” category and 124 of these patients died within 30 days of the selected admission, the 30-day observed mortality rate would be 12.4 percent; if an additional 17 patients died more than 30 but less than 91 days after admission, the 90-day observed mortality rate would be 14.1 percent; and if an additional 13 patients died more than 90 but less than 181 days after admission, the 180-day observed mortality rate would be 15.4 percent.

It is important to note that the observed mortality rate is cumulative; e.g., the 90-day observed mortality rate includes all deaths which occur within 30 days of admission, as well as those occurring more than 30 and less than 91 days after admission.

### ***Predicted Mortality Rate (PRED)***

The predicted mortality rate for each hospital's patients is derived in part by determining, based on national experience, the contribution to the probability of dying associated with various patient characteristics such as:

- Principal diagnosis (grouped into 23 analytical risk categories),
- Age,
- Sex,
- Previous hospital admissions within the prior six months,
- Admission source (e.g., physician reference, skilled nursing facility reference),
- Admission type (e.g., elective or emergency), and
- The presence of up to seven comorbid conditions—cancer, chronic cardiovascular disease, chronic renal disease, chronic liver disease, chronic pulmonary disease, cerebrovascular degeneration, and chronic diabetes. A list of the ICD-9-CM codes defining the comorbid conditions is in Table 2 following this Introduction section.

### ***Standard Deviation (SD)***

The standard deviation is a tool to gauge the extent to which the difference between the observed and predicted mortality rate is meaningful. In general, the greater the difference between the two rates, the greater the probability that the difference represents an actual variation from what would be expected in view of the national experience. The less chance that the difference between the PRED and the OBS can be attributed to statistical variability, the more grounds for possible concern about the institution's performance.

Information on how to use the SD to construct prediction intervals for use in assessing the real difference between the OBS and the PRED is included in the Technical Information section of this Introduction. The precision and interpretability of the estimates are weaker when there are no deaths or 50 or fewer cases in a particular category being analyzed. Thus, for these instances, dashes (“---”) are placed in the SD column.



## **OBSERVED MORTALITY RATE AND PREDICTED RANGE FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES**

Also in this year's report, we have presented graphs that display the information for most hospitals described above for FYs 1988 and 1989, as well as FY 1990. (In particular, these graphs could not be computed for hospitals that had 50 or fewer cases or no deaths in FYs 1988, 1989, or 1990). In constructing the graphs, we used 2 times the standard deviation to approximate a 95 percent prediction interval. The observed mortality is shown as a dot (•). The predicted mortality is shown at the middle of a range of mortality rates. The bottom of the range is the predicted mortality minus twice the standard deviation, and the top of the range represents the predicted mortality plus twice the standard deviation. The graphs for FY 1988 and FY 1989 are based on new random samples and new computations for this year's report. Thus, the calculations for some hospitals for FY 1988 and FY 1989 may be different from previous releases, because we are including more current data in this year's report.

## **FY 1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES**

This year's report includes the FY 1990 average at each hospital of many of the explanatory factors used to predict that hospital's mortality rates. This information provides a profile of the patients used in the analysis and should help to identify possible systematic coding errors in the claims data used to calculate the mortality rates. These percentages are derived from the patients included in the sample and should be applied to the total number of cases listed in "All Causes." It is important to note that neither the admission sources/types nor the comorbidities categories are mutually exclusive. For example, a patient could be both "referred by his personal physician" and "admitted for elective procedure." Similarly, a patient could have secondary diagnoses of both cancer and diabetes.

## **INFORMATION SOURCES AND NOTES**

We believe that when the mortality rate information is properly understood and applied, it can be very useful; it can also be misleading if it is interpreted incorrectly. The information simply describes one of several possible outcomes at a hospital—postadmission mortality for Medicare beneficiaries.

Mortality information is not necessarily representative of a hospital's total performance in all aspects of patient care. Individual hospitals may have very good reasons for their rates being higher than the rates predicted by the HCFA model. For example, one hospital might have different death rates than another because its patient mix is not fully accounted for by the model.

Accordingly, we offered each hospital the opportunity to review their specific information and to provide comments to HCFA and the public, and we included those comments that were received timely at the end of this volume. Users should read the discussions about the uses and limitations of the mortality information found on page xiii, as well as any comments a hospital may have provided.

### *Hospitals In The Analysis*

The hospitals included in this analysis are participating in Medicare as short-term, acute care facilities—all have a zero in the third position of their Medicare provider number. All other hospitals—those with something other than a zero in the third position of their provider number, such as rehabilitation facilities or psychiatric institutions—were excluded. This year, as in the past two years, we have also excluded hospices.

In some cases, we have included data for hospitals that closed, changed ownership, or changed management either during or subsequent to FY 1990. Our data included for those institutions reflects the situation as it existed at the time the hospitalizations analyzed occurred.

### *Data Sources*

This report is based primarily on Medicare hospital billing information for Federal fiscal years 1988, 1989, and 1990. While the principal source of the data for the analysis was the HCFA-maintained Medicare Provider Analysis and Review (MEDPAR) file, which contains information about each Medicare hospitalization, some of the information about beneficiaries, such as date of death, was obtained from the Social Security Administration. Hospitals submit bills to HCFA's fiscal intermediaries (which handle claims for the inpatient care provided to Medicare beneficiaries) which, in turn, submit this information to HCFA. The file is updated on a quarterly basis. Our analysis was based on information available following the June 1991 update of the MEDPAR file. It is estimated that by that time (nine months after the close of the fiscal year), 98 percent of all Medicare discharges in FY 1990 are included in the file.

### *Possible Limitations Of The Data*

In any large-scale data base, such as the one dealing with Medicare hospitalizations, there will be gaps or inaccuracies. For example, last year some hospitals had not accurately reported the source or type of admission, and thus erroneous information was included in the analysis for those hospitals. However, the fact that the files contain information on about 10 million hospital admissions to nearly 6,000 hospitals for each year provides some assurance that, for purposes of the statistical analysis conducted here, the information that might be

missing or inaccurate is such a small portion of the total that it would have little effect on the results for national estimates. Nevertheless, it may substantially affect an individual hospital if it were the source of the inaccurate information.

While we feel that the information used in this analysis is thorough and complete, there are a few points to keep in mind as you review the mortality information.

The information used is billing data; it is only as good as the information submitted by hospitals as part of the payment process. Although there is always a possibility that coding errors are included, we assume that, given the link to payment, hospitals have an incentive to submit bills accurately and promptly. We do know, however, that some hospitals submitted incomplete or erroneous data.

For example, following last year's public release of the hospital mortality data, several hospitals wrote to HCFA indicating that they had submitted incorrect data. Furthermore, they stated that if they had given us the correct information, their predicted mortality rates would have been higher than those presented in HCFA's report. Therefore, in this year's report we have annotated those hospitals' data pages with a footnote stating: "This hospital says that it submitted inaccurate data to Medicare and claims that its predicted mortality rate should be higher than that presented above." At this point, however, HCFA cannot confirm the validity of those hospitals' claims. The analysis results might very well be different if the data on which they were based were submitted accurately by those hospitals.

In our previous analysis of mortality data, we discovered that some States had zero admissions from a skilled nursing facility. While some of these problems were corrected on the MEDPAR files used for this analysis, at the time this study was initiated we found empirical evidence that some of the files still contained suspect information. The suspect data were identified by noting those months (date of discharge) and fiscal intermediaries for which the type and source of admission fields appeared to be interchanged. Based on our findings, we reversed these fields to at least partially correct the remaining discrepancies. The following list shows the specific instances for which the fields were reversed for this analysis.

#### TYPE AND SOURCE OF ADMISSION FLIPPED

| <u>FI No.</u> | <u>FI Name</u>         | <u>Dates</u>        |
|---------------|------------------------|---------------------|
| 00030         | Arizona Blue Cross     | 10/01/86 — 12/31/88 |
| 00080         | Maryland Blue Cross/DC | 06/01/87 — 09/30/87 |
| 00190         | Maryland Blue Cross    | 06/22/87 — 12/31/88 |
| 00400         | Texas Blue Cross       | 12/07/87 — 12/31/88 |



## HOW TO USE THIS INFORMATION

There are several key points to remember about the use of this information. First, it is important to understand that the difference between the hospitals' mortality rates and the predicted rates in the tables in this report may not be a direct measure of the quality of care rendered in the hospitals.

Second, the usefulness of this information depends upon the accuracy with which mortality rates can be predicted. We do not currently have any direct measurement tool with which we can fully adjust for severity of patient illness differences among hospitals. For instance, two hospitals may have very different death rates for patients admitted for stroke, even after we have adjusted for age, sex, and several other factors. This might happen because one hospital's stroke patients may consist of a significant number who are admitted in a coma (and are thus more likely to die), whereas another hospital's patient population may represent a broader spectrum of patients with cerebrovascular problems, or because these two hospitals, in fact, do provide different levels of quality of care. In addition, other factors affecting the probability of death in a particular case (e.g., family status/support, overall health status of the patient, etc.) are not included in the predictive model because information on them is not readily available.

Nevertheless, we believe that the information presented in this publication is an important contribution to the health care community and should be helpful to a wide range of individuals and organizations including consumers, hospital administrators, physicians, PROs, and researchers.

### *Use By Consumers — Some Key Questions*

Consumers should read carefully the explanations of the uses and limitations of the information. Listed below are some questions that we recommend a consumer think about before choosing a hospital. Please keep in mind that this is not a comprehensive list, but it should serve to illustrate the types of questions that are important to consider.

- Why are the hospital's observed mortality rates for “All Causes” consistently and significantly above the predicted rates for FY 1990?
- Why are the hospital's observed mortality rates for the condition for which I need treatment or the procedure I will undergo consistently and significantly above the predicted rates for FY 1990?
- How does this hospital's pattern of mortality compare with that of other hospitals in the State and Nation?

- Is the number of cases too small to present a satisfactory picture of the hospital?
- Does the hospital treat a large number of cases in the category for which I need treatment?
- Does the hospital treat a large number of patients who have several co-existing illnesses or who otherwise are likely to be “sicker” than average?

### *Other Users Of This Publication*

Among other users of this publication, we expect that the hospital administrator (in consultation with medical staff) will find the information most useful as a screening tool to evaluate a hospital's strengths and weaknesses. We know that some hospitals and their medical staffs, using established and newly emerging quality assessment techniques, are seeking information that will result in improved health care delivery.

### *Outside Assistance In Developing This Publication*

The development and presentation of the Medicare Hospital Information report continues to be an important part of HCFA's responsibilities in the health care community. To make the information as accurate and useful as possible, over the past several years we have discussed the theoretical framework and statistical approach with a number of nationally recognized technical experts in appropriate fields. Based on their recommendations, we believe that the models used in these analyses continue to be reasonable and appropriate.

In the past, we have conducted validation studies of our methodology. In general, these studies have found correlation between poor quality care and hospitals whose observed mortality rates significantly exceed the rates that would have been predicted. However, we have also found that detailed clinical data which more thoroughly characterize the severity of patient's illness, while they do not materially affect results describing the general pattern of mortality, do, in specific instances, alter our assessment of the comparison of the observed to the predicted mortality rates.

The format for presentation, the process for sharing the information with individual hospitals, and the statistical methodology have been discussed at various meetings with leaders of organizations representing Medicare beneficiaries, physicians, and hospitals. Also, we have spent many months reviewing the comments received from the hospitals regarding their patient-specific data for earlier years and our previous mortality information reports. Many suggestions from these sources have been incorporated into this report.

We have carefully investigated comments from individual hospitals on apparent discrepancies or errors generated in previous years. These discrepancies rarely had an effect on a hospital's overall mortality rate. Most of these instances fell into the following two broad categories.

- **Inaccurate Date of Death** — We found that inpatient billing coding errors (e.g., a hospital bill indicating that the patient's status at time of discharge was “expired” when the patient had, in fact, left the hospital alive) created many of these errors. We now have mechanisms in place that allow a continuous update of HCFA's master file, thereby enabling us to make corrections.
- **Discrepant Case Counts** — Our analysis counts only one acute care discharge in a fiscal year; normally, hospitals count each discharge. Thus, a patient admitted three times in a year would count three times for the hospital, but only once for the purpose of analyzing Medicare hospital mortality data presented in this report.



*We believe it is important for consumers of health care to have access to as much information about hospitals as possible when making health care choices. Along with hospital characteristics information, we have added this year information about the origin and length of stay of Medicare admissions. This information is presented for comparative purposes only and was not used in calculating a hospital's predicted mortality rates. These data were not part of the analyses, and any errors or discrepancies in them do not affect the predicted mortality rates.*

## ORIGIN OF MEDICARE ADMISSIONS

Data on the geographic origin of each hospital's patients are presented in this year's report. We obtained from the Health Insurance Master file the State and county of residence for each Medicare beneficiary discharged from a Medicare-certified, acute care hospital during FY 1990. We then compared that information with the location of the hospital to determine the percentage of all discharges where the patient lived within the same city/county as the hospital location, within the State where the hospital is located, or outside the State. The percentages are derived by dividing the number of discharges of beneficiaries in a geographic category by the total number of Medicare discharges from the hospital. Please note that these are percentages of total Medicare discharges, not of the mortality sample alone.

## MEDICARE AVERAGE LENGTH OF STAY

We obtained from the MEDPAR file the total days of care—both Medicare covered and noncovered—and divided that total by the number of discharges from each hospital. Total, rather than covered, days were used because, under the Prospective Payment System (PPS), if a Medicare patient has at least one day of hospital coverage available to him in the current spell of illness, the hospital will be paid the full diagnosis related group (DRG) amount plus any approved outlier amount, regardless of the number of days actually used.

Example: Hospital A had 2,513 Medicare discharges with a total of 24,379 days.

Calculation: 
$$\frac{24,379}{2,513} = 9.7 \text{ days}$$

The Medicare average length of stay is 9.7 days.

## HOSPITAL CHARACTERISTICS

As noted previously, we have again included information on selected hospital characteristics such as the number of beds, occupancy rate, ownership, staffing, and specialty services. This information was obtained from the American Hospital Association's (AHA) 1990 Annual Survey of Hospitals, with the exception of the case mix index (CMI), which was derived from HCFA billing data. This file consists of information voluntarily reported by hospitals to the AHA. In instances where AHA data were unavailable, for example for hospitals that did not respond to the AHA survey, we derived the information from HCFA's Online Survey, Certification and Reporting system (OSCAR). The hospital characteristics and the specific special services listed were selected with the concurrence of the AHA as being those most meaningful to the Medicare population. Information on these specific data elements follows.

### *AHA Definitions (except for CMI)*

**Survey and Year** — AHA 1990. Source is the American Hospital Association's 1990 Annual Survey of Hospital files.

### **Profile**

***Total beds (#)*** — Number of beds (including subacute beds), cribs, and pediatric and neonatal bassinets regularly maintained (set up, staffed, and ready for use) for inpatients as of the close of the reporting period; does not include bassinets for normal newborn infants.

***Occupancy rate (percent)*** — Ratio of average daily census to the average number of beds (statistical beds) maintained during the 12-month reporting period. (NOTE: The number of these "statistical beds" may differ from the bed count at the close of the reporting period.)

***Ownership/control*** — State government, local government, district/authority, church, private nonprofit, private for profit, or Federal Government.

***Medicare discharges*** — The total number of inpatient discharges for Medicare patients for those hospitals selected for the mortality calculations, including all discharges for persons with more than one hospitalization during the year. (The mortality data include only one randomly selected discharge for each hospitalized enrollee. Therefore, this figure may reflect more discharges than the actual number of cases randomly selected for the mortality study.)

***Case mix index (CMI)*** — A measure of the overall complexity of the Medicare cases treated by a given hospital compared to the complexity of the national average case mix. The CMI represents the relative costliness of each hospital's mix of cases compared to the national average mix of cases. A CMI of greater than one means that a hospital treats more complex cases than average. A CMI of less than one means that a hospital treats less complex cases than average. The CMI for each hospital is calculated on an annual basis. In this report, the CMI presented for each hospital is calculated based on its discharges in FY 1990.

A hospital's CMI is calculated by multiplying the number of cases in each DRG by the relative weight of that DRG, summing the products, and dividing the sum by the total number of cases for the year. For calculating the FY 1990 CMI, use the DRG relative weights published in the *Federal Register*, Volume 54, Number 169, pages 36468 ff., dated September 1, 1989.

## **Staffing (all AHA counts are as of 9/30/90)**

***Total number of physicians*** — Total active and associate medical staff.

***Percent of physicians who are board-certified specialists*** — Physicians who have passed an examination given by a medical specialty board and have been certified by that board as a specialist.

***Medical residents/interns*** — Full-time equivalent (FTE) medical residents or interns.

***Registered nurses*** — Full-time equivalent (FTE) registered nurses.

***Licensed practical nurses*** — Full-time equivalent (FTE) licensed practical nurses.

## **Specialty Services**

***Burn Unit*** — Provides more intensive care to severely burned patients than the usual acute nursing care provided in medical and surgical units. Beds must be set up and staffed in a unit specifically designated for this service.

***Cardiac Intensive Care*** — Provides patient care of a more specialized nature than the usual medical and surgical care, on the basis of physicians' orders and approved nursing care plans. The unit is staffed with specially trained nursing personnel, and contains monitoring and specialized support or treatment equipment for patients who, because of heart seizure,



open-heart surgery, or other life-threatening conditions, require intensified, comprehensive observation and care. May include myocardial infarction, pulmonary care, and heart transplant units. Beds must be set up and staffed in a unit(s) specifically designated for this service.

***Comprehensive Geriatric*** — Provides diagnostic and evaluation services that determine elderly patients' long-term care needs. It includes the assessment of medical conditions, functional activities, and mental and emotional conditions, and incorporates these into a treatment plan which includes family and financial concerns as well as medical needs.

***Hospice Care*** — A program providing primarily medical relief of pain and support services to terminally ill patients and assistance to their families in adjusting to the patients' illness and death.

***Medical/Surgical Intensive Care*** — Provides nursing care to adult and/or pediatric patients of a more intensive nature than the usual medical, surgical, pediatric, and/or psychiatric care on the basis of physicians' orders and approved nursing care plans. Included are medical-surgical, pediatric, and psychiatric (isolation) units. These units are staffed with specially trained nursing personnel, and contain monitoring and specialized support equipment for patients who, because of shock, trauma, or life-threatening conditions, require intensified, comprehensive observation and care. These units may also include cardiac care when such services are not approved in a distinct cardiac care unit. This category is called "intensive care unit" in OSCAR.

***Organ/Tissue Transplant*** — The hospital has the necessary staff and equipment to perform the surgical removal of a viable human organ or tissue from a donor, either living or deceased, and the surgical grafting of the organ/tissue to a suitably evaluated and prepared patient.

***Other Intensive Care*** — Provides nursing care to adult and/or pediatric patients with a specialized disease or condition of a more intensive nature than the usual medical, surgical, pediatric, and/or psychiatric care on the basis of physicians' orders and approved nursing care plans. Examples reported include oncology or spinal cord injuries. These units are staffed with specially trained nursing personnel and contain monitoring and specialized support equipment appropriate for the patients' specialized conditions.

***Trauma Center*** — Provides emergency and specialized intensive care to critically injured patients.

## Other Specialty/Hospital-Based Services

***Alcohol/Drug*** — Hospital services for the medical care and/or rehabilitative treatment of outpatients whose primary diagnosis is alcoholism or other chemical dependency.

***Rehabilitation*** — A unit having designated beds and providing a comprehensive array of multidisciplinary medical rehabilitation services.

***Psychiatric*** — Care provided to emotionally disturbed, chronically mentally ill, mentally disordered, or other mentally incompetent patients on the basis of physicians' orders and approved nursing care plans. Beds must be set up and staffed in units specifically designated for this service.

***Medicare Swing Beds*** — The hospital is certified by Medicare to provide “swing bed” services; that is, some acute care beds can be used for skilled nursing facility type care in the hospital for Medicare purposes.

## *OSCAR Definitions (except for CMI)*

**Survey and Year** — HCFA, most recent year. Data were derived from the Online Survey, Certification and Reporting System (OSCAR).

## Profile

***Total beds (#)*** — Total number of operational beds eligible for Medicare payment.

***Ownership/control*** — Church; private, nonprofit; other nonprofit; proprietary; Federal Government; State government; local government; and hospital district or authority.

***Case mix index (CMI)*** — See definition shown in AHA “Profile” section.

## Staffing

***Medical residents/interns*** — Full-time equivalent (FTE) medical residents or interns.

***Registered nurses*** — Full-time equivalent (FTE) registered nurses.

***Licensed practical nurses*** — Full-time equivalent (FTE) licensed practical nurses.

## Specialty Services

**NOTE:** There are no specific definitions of specialty services in OSCAR. Characteristics are self-reported by each hospital at initial Medicare certification and recertification, and are generally understood to parallel the explicit AHA definitions (above). The AHA categories “comprehensive geriatric” and “other intensive care” are not available in OSCAR. However, they may be included in the OSCAR category of other specialty services (not shown in table).

***Coronary Care*** — See definition shown in AHA “Specialty Services” section.

***Intensive Care Unit*** — See definition shown in AHA “Specialty Services” section. These units may also include other intensive care units in OSCAR reporting.

***Organ Transplant*** — See definition shown in AHA “Organ/Tissue Transplant” section. May include tissue transplants because there is not a separate field in OSCAR for these services.



# **TECHNICAL INFORMATION**

## **DATA SOURCES**

The data analyzed in this report are obtained from the Medicare Provider Analysis and Review (MEDPAR) file for the fiscal years 1987-1990, which contains information on the hospital stays of Medicare beneficiaries. The principal sources of data for this file are the bills (known as HCFA-1450 or UB-82) submitted by the hospitals to HCFA through fiscal intermediaries. The MEDPAR file also contains data about the beneficiaries, such as age, sex, and date of death, which are obtained from the Social Security Administration, the Railroad Retirement Board, or the Office of Personnel Management.

Hospital stays with discharges in fiscal years 1988, 1989, and 1990 were used in these analyses. Hospital stays in 1987 were used only to characterize the prior admissions of the patients in the 1987 cohort. Only acute care hospital stays in short-term (general and specialty) hospitals were selected. These hospitals have a "0" in the third position of their Medicare provider number. Hospital stays in institutions (designated by a "9" in the fourth position of the provider number) and hospital stays in psychiatric units, rehabilitation units, swing-beds and alcohol/drug units (with "special unit codes" of S, T, U and V, respectively, in the third position) were excluded.

## **THE MORTALITY MODEL**

For each beneficiary in each year one hospitalization was selected at random. Choosing a specific hospitalization is necessary to avoid multiple counting of the same death for that year. Selecting a random hospitalization instead of the first or last in the year produces mortality rates that are more representative of the rates that a hospital might calculate for its patients. Also, the mortality rates based on this random selection process reflect an intermediate position between the rates produced by the alternatives.

The selected hospital stays were analyzed separately by analytical category. The analytical categories were created by grouping ICD-9-CM diagnosis codes that had similar mortality patterns. The procedures for creating the analytical categories and the groups of ICD-9-CM diagnosis codes that defined them are detailed in the Technical Supplement.

The mortality experience of the patients was evaluated as a function of time within 365 days of the admission. The factors included in the mortality model used to evaluate each patient's probabilities of death are given in Table 3. They consist of demographic characteristics (age and sex), major comorbidities (chronic diseases likely to have been present at admission and believed to

complicate management and increase the likelihood of an adverse outcome), prior admissions (grouped into five risk or severity levels) within the 6 months preceding the admission evaluated, admission type (emergent, elective, etc.), and admission source (referral from the physician's office, the nursing facility, etc.). The specific reason for the admission (the principal diagnosis) and the performance of selected surgical procedures were additional factors used in the estimation of the predicted probability of death (see below).

The observed mortality rate for a hospital was calculated by means of the lifetable method ("The LIFETEST Procedure," Chapter 22, SAS User's Guide: Statistics, Version 5 Edition, pages 529-557).

## ANALYTIC TECHNIQUES

A time-to-event or survival model with explanatory or concomitant variables was used to ascertain the influence of the patient characteristics listed above on the probability of death. A feature of such a model is allowance for "right censored" observations. Generally, these are events or outcomes which would have occurred but for some interference that prevents further observation. In the present analysis, "right censoring" occurs when a patient is withdrawn alive from the study April 1, 1991 or at the end of the followup period of 365 days.

The survival function,  $S(t)$ , is one of several equivalent ways of expressing the model. Another form uses the cumulative distribution function or the mortality function

$$F(t) = 1 - S(t).$$

Another useful formulation of these models is the hazard function,  $h(t)$ , also known as the force of mortality or risk function. The hazard is the rate of decrease in the number of survivors relative to the number of survivors at a specific time. Mathematically, the hazard function is

$$h(t) = - \frac{1}{S(t)} \frac{dS(t)}{dt} = - \frac{d \ln(S(t))}{dt}.$$

The probability density function,  $f(t)$ , commonly used in statistical texts can be expressed as follows:

$$f(t) = \frac{dF(t)}{dt} = h(t)S(t).$$

The area under the survival curve is the expected value for  $t$ . In some cases, the area under the survival curve is restricted to an interval  $0-t_1$  where  $t_1$  might be one year, for example.

The specific time-to-event or survival model used in the present analysis is Bailey's modification of the Makeham model. The survival function for the Bailey-Makeham model is

$$S(t) = \exp\left\{-\delta t - \left(\frac{\alpha}{\gamma}\right)(1 - \exp(-\gamma t))\right\}$$

where

$$\alpha = \exp(\alpha_0 + \alpha_1 x_1 + \dots + \alpha_i x_i + \dots + \alpha_k x_k)$$

$$\gamma = \exp(\gamma_0 + \gamma_1 x_1 + \dots + \gamma_i x_i + \dots + \gamma_k x_k)$$

$$\delta = \exp(\delta_0 + \delta_1 x_1 + \dots + \delta_i x_i + \dots + \delta_k x_k)$$

are the expressions for each of the structural parameters  $\alpha$ ,  $\gamma$ , and  $\delta$  in terms of the  $k$  concomitant variables  $x_i$  and their associated component parameters  $\alpha_i$ ,  $\gamma_i$ , and  $\delta_i$  for  $i=1, 2, \dots, k$  and three intercepts or component parameters  $\alpha_0$ ,  $\gamma_0$ , and  $\delta_0$ . The structural parameter  $\delta$  is the long-term risk which is approached as  $t \rightarrow \infty$ . The structural parameter  $\alpha$  is the initial excess risk which decays with rate constant  $\gamma$ .

For the survival function given above, the risk or hazard function has an especially tractable form of an exponential decay which approaches a long-term risk,  $\delta$ . The hazard function corresponding to the survival function above is

$$h(t) = \alpha \exp(-\gamma t) + \delta.$$

The estimation of the component parameters was carried out in a series of steps in which those covariates which had estimable and statistically significant ( $p < 0.05$ ) influences of the probability of death were identified for inclusion in the model. As the model for each of the 23 risk categories was estimated separately, different lists of covariates were used for the final core models.

This first step was followed by the estimation of the additional contribution of specific principal diagnoses in each risk category. In these analyses, the effects of the patient characteristics included in the core models were corrected for. Only those principal diagnoses were retained which were estimable and had more than 900 cases (more than 300 for codes identified by year). Similarly, after adjustment for the effects of both the variables in the core model and the principal diagnoses, correction terms were calculated to estimate the additional information about the probability of death associated with the categorization of the patients into the clinical groups used for the presentation of the data in the mortality tables (see below). These correction terms were negligible for the medical categories but substantial for the surgical categories.



Once the component parameters or regression coefficients  $\alpha_i$ ,  $\gamma_i$ , and  $\delta_i$  have been estimated, the predicted probability of patient death at any specified time after admission,  $1-S(t)$ , may be calculated for all individuals. To obtain the predicted mortality rate up to a given time for a hospital, it is then only necessary to average over the predicted probabilities of death of its patients to that time.

The analytical categories are useful for grouping the patients into relatively risk-homogeneous strata for the regressions. However, to gain insights into patterns of practice at hospitals, the data are presented for patients grouped into clinically meaningful medical and surgical categories. The 17 clinical categories used in the mortality tables and defined in Table 1 were identified by the Institute of Medicine as being of particular medical and epidemiologic interest.

## ESTIMATION OF THE STANDARD DEVIATION FOR PREDICTED MORTALITY

The standard deviation of the predicted mortality rate is used to assess how statistically different the observed mortality rate is from the rate predicted by the national experience with like patients. The standard deviation depends, in fact, on the variance of the residual or the difference between the observed,  $P$ , and predicted,  $\hat{\Theta}$ , mortality rates.

The residual has four components  $V_1$ ,  $V_2$ ,  $V_3$ , and  $V_4$  where  $V_1$  is the variance of the estimate of the predicted probability of death. This computationally intensive term was negligible for nearly all cases, compared to other components of variance. Consequently, this term was not included in the present analysis.

$V_2$  is the binomial variance for  $n$  patients

$$V_2 = \frac{\hat{\Theta} (1 - \hat{\Theta})}{n}.$$

$V_3$  is the variation among hospitals not explained by the mortality regression models containing the patient characteristics described above.

$$V_3 = \widehat{\text{Var}}(\hat{\Theta}) = \left(1 - \frac{1}{n}\right) \widehat{M_2}(\hat{\Theta})$$



where

$$\widehat{M_2(\Theta)} = \left( \left( \begin{array}{c} \text{Predicted mortality} \\ \text{on basis of} \\ \text{patient characteristics and} \\ \text{adjustment for hospital effects} \end{array} \right) - \left( \begin{array}{c} \text{Predicted mortality} \\ \text{on basis of} \\ \text{patient characteristics,} \\ \text{but omitting the hospital specific effects} \end{array} \right) \right)^2 \left( \frac{1}{z_p^2} \right)$$

The quantity  $z_p$  corresponds to the statistical significance (p-value) of the hospital-specific effect.

$V_4$  is the variation not explained by the mortality regression models which each include, in addition, an indicator variable for the hospital:

$$V_4 = \left( \left( \text{Observed mortality} \right) - \left( \begin{array}{c} \text{Predicted mortality} \\ \text{on basis of} \\ \text{patient characteristics, and} \\ \text{adjustment for the hospital specific effects} \end{array} \right) \right)^2$$

(The regression coefficients of the indicator variable for the hospital are a measure of the influence on the probability of patient death of factors not otherwise specified in the model. These factors include severity of illness not adequately reported on by the patient characteristics deduced from the claims data and the hospital's pattern of practice; i.e., performance.)

The standard deviation given in the mortality tables is just

$$SD = \sqrt{V_2 + V_3 + V_4}.$$

## STANDARDIZED MORTALITY RATIO (SMR)

Another method of evaluating a hospital's performance—the Standardized Mortality Ratio (SMR)—is obtained by dividing the observed mortality rate by the predicted mortality rate. An SMR of one means the observed and predicted mortality are equal. A ratio greater than one means the observed mortality exceeds the predicted. A ratio less than one means the observed mortality is less than expected. The more extreme the ratio (significantly greater than one indicating unusually high mortality and significantly less than one indicating unusually low mortality), the greater the attention which should be paid to the results of this mortality report.

For each of the conditions and procedures, selected percentiles for the observed distribution of the SMR are displayed in Table 4. The selected percentiles provide benchmarks for comparison. For example, for a hospital

with 300 cases in the “All Causes” category, with observed mortality of 12.2 percent and predicted probability of 10.0 percent at 30 days, the standardized mortality ratio is

$$\text{SMR} = 12.2/10.0 = 1.22.$$

Note that an SMR of one means the observed and predicted mortality are equal, while a ratio greater than one means the observed mortality exceeds the predicted, and a ratio less than one means the observed mortality is less than expected. There will be greater interest in the more extreme ratios, either greater than one — excessively high mortality — or less than one — extremely low mortality.

From Table 4 for FY 1990, we find that the ratio is just below the 75th percentile of 1.23. Hence, slightly under 75 percent of the hospitals have an SMR less than that found at this hospital.

However, for a hospital with 900 cases in the “All Causes” category, with observed mortality of 19.3 percent and predicted probability of 10.0 percent at 30 days, the standardized mortality ratio is

$$\text{SMR} = 19.3/10.0 = 1.93.$$

Since the SMR of 1.93 is greater than the 97.5 percentile of 1.35 (Table 4 for 750 or more cases), there is cause for concern. To further assess this, we examine the displayed data in terms of the measure of uncertainty, the standard deviation.

## MEASURES OF UNCERTAINTY

In principle, to use the standard normal approximations to determine prediction intervals, an adjustment must be applied for the skewness and kurtosis inherent in a mortality rate when the rate is considerably less than 50 percent and the number of cases is small. Table 5 presents the multiplicative factors, based on the binomial distribution, for the standard deviation needed to construct prediction intervals for the mortality rates at confidence levels of 75, 95 and 99 percent. Because of the approximations involved in the estimation of the skewness and kurtosis corrections, their precision decreases as the number of cases and the mortality rate decrease; i.e., as the value of the correction increases. In addition, because of simplifications and approximations in the estimation of the standard deviation, the precision of the multiplicative factors given in Table 5 exceeds the precision of the estimate of the standard deviation. Hence, the following rule-of-thumb represents an adequate approximation to the factors in Table 5 and an adequate guide to the **statistical meaningfulness** of the difference between the observed and the predicted mortality rates.

To illustrate the use of Table 5, consider a hospital with 75 cases and a predicted mortality of 13.0 percent with a standard deviation of 5.0 percent. Overall, for hospitals with patients with characteristics similar to those of this hospital, we would expect the actual or observed mortality rate to lie, 95 percent of the time, either between 13.0 percent and 22.9 percent if the actual is larger than the predicted, or between 3.3 percent and 13.0 percent if the actual is less than the predicted. That is because  $22.9 \text{ percent} = 13.0 \text{ percent} + 1.98 \times 5.0 \text{ percent}$ , the factor 1.98 having been read from the section of Table 5 with the heading "95 Percent Prediction Interval" and "Factor for Upper Bound," the row "75" for the number of cases, and, by interpolation, between the "10 percent" and the "20 percent" predicted mortality rate columns. Similarly,  $3.3 \text{ percent} = 13.0 \text{ percent} - 1.94 \times 5.0 \text{ percent}$ , the factor -1.94 having been read from the section of Table 5 with the heading "95 Percent Prediction Interval" and "Factor for Lower Bound" and the corresponding row and columns.

Therefore, in comparing the actual and predicted rates, more attention should be given to the hospital whose observed mortality rate lies beyond the bounds calculated for the 99 percent prediction interval than to the hospital whose observed mortality rate lies only beyond the bounds calculated for the 95 percent prediction interval. Likewise, more attention should be given to that hospital than to the hospital whose observed mortality rate lies only beyond the bounds calculated for the 75 percent prediction interval.

For the graphs, the observed mortality and an approximate 95 percent prediction interval are displayed. The prediction interval has bounds at the predicted mortality plus 2 times the standard deviation and at the predicted minus 2 times the standard deviation.

In the mortality rate tables, the observed and predicted mortality rates and the standard deviation as a measure for statistical importance of the difference are displayed for the overall and each of the conditions and procedures.



## HOW TO OBTAIN MEDICARE HOSPITAL INFORMATION

The publication has been widely distributed to State health organizations and hospital and medical associations. The publication is available to the public for purchase in 55 volumes, with each volume being sold separately through the Government Printing Office (GPO). More detailed information about the purchase of this publication may be obtained by contacting:

Superintendent of Documents  
Government Printing Office  
Washington, D.C. 20402  
Telephone: (202) 783-3238

As in prior years, the information appearing in the Medicare Hospital Information report is available in machine-readable/electronic format (tape and diskette). The Medicare Hospital Information public use file provides the published information as contained in the 55-volume hardcopy publication, except that the AHA's hospital characteristics are not on this file. Hospital characteristics from HCFA files (OSCAR) are provided instead. The files contain additional information which is useful for supplemental analyses: averages by hospital, MSA, and State for each of the variables used in the model, mortality rates for 15, 30, 60, 90 and 180 days, and cross-reference files which relate State, MSA, and ICD-9-CM codes used to a name. These data should allow analysts to assess an individual hospital's performance in comparison to all hospitals in the State or applicable MSA.

Also available to **hospitals** in machine-readable format is their patient-specific data that were used in the report. These data include the patient variables used in the analysis (e.g., the number and severity level of prior hospitalizations considered by the methodology, admission source and type, etc.) and the predicted probability of death at each time interval for each individual included in the study. With these data it is possible for hospitals to better understand their statistics. **Due to confidentiality considerations, requests for patient-specific data must be forwarded on hospital letterhead, must include the institution's Medicare provider number, and must be signed by the hospital administrator.**

For information about obtaining Medicare Hospital Information electronic media data, please contact HCFA's Bureau of Data Management and Strategy at:

Health Care Financing Administration  
Bureau of Data Management and Strategy  
Office of Statistics and Data Management  
3-A-10 Security Office Park Building  
6325 Security Boulevard  
Baltimore, Maryland 21207  
Telephone: (410) 597-5151



# Table 1

## DIAGNOSTIC AND PROCEDURE CATEGORIES

The following lists the ICD-9-CM diagnostic and procedure codes used to classify and group patients for presentation

### CONDITION/PROCEDURE

### ICD-9-CM CODES

(D)=Diagnosis code

(P)=Procedure code

#### Heart Disorders/Procedures

Acute Myocardial Infarction  
(AMI)

All of 410 (D) (on 10/1/89 exclude 410 with 5th digit of a 2)

*Note: For code 410 a 5th digit was added on October 1, 1989.*

Congestive Heart Failure  
(CHF)

398.91, 402.01, 402.11, 402.91, 428.0, 428.1, 428.9 (all D)

Angioplasty  
(ANGPLSTY)

All of 36.0 (P) excluding 36.00, 36.03, 36.04, 36.09 (all P)

*Note: Code 36.0 had a 4th digit added on October 1, 1986. Code 36.0 got digits of 0, 1, 2, 3, and 9, and code 36.04 got some previously coded cases of 39.97. On October 1, 1987, code 36.01 was divided into 36.01 and 36.05, and some cases from 36.02 were put into 36.05.*

Coronary Artery Bypass Graft  
(CABG)

All of 36.1(P) and not Angioplasty (see above)

Pacemaker Insertion, Initial  
(PACE)

37.73, 37.74, 37.75, 37.77 (after 10/1/87 use 37.70 through 37.73) (all P)

*Note: Code 37.70 was restructured on October 1, 1987. Previously the code contained both leads and devices. On October 1 these were separated and devices were coded as 37.80 through 37.83, and codes for the leads were changed into various 37.70 codes.*

**CONDITION/PROCEDURE****ICD-9-CM CODES***(D)=Diagnosis code**(P)=Procedure code***Pulmonary Disorders****Pneumonia/Influenza  
(PNU)**

All of 480, all of 481, 482.2, 482.3, 482.9, 483, 485, 486, 487.0 (all D)

**Chronic Obstructive Pulmonary  
(COPD)**

All of 491, all of 492, all of 494, Disease all of 496; and 466.0, 518.82, 518.5, and 786.09 when there is a secondary diagnosis of any 496 (all D)

*Note: Code 518.8 got a 5th digit on October 1, 1987. Some cases from 799.1 were put into codes 518.81 and 518.82.*

**Cerebrovascular Disorders/Procedures****Transient Cerebral Ischemia  
(TCI)**

433.1, 433.3, 435 (D) and exclude those patients with an endarterectomy at the time of admission—38.12(P)

**Stroke  
(STK)**

431, 434 through 434.9, 436 (all D)

**Carotid Endarterectomy  
(ENDART)**

38.12 (P) with 433.1 (D); 433.3 (D) or 435(D) as a principal diagnosis

**Musculoskeletal Disorders/Procedures****Fracture of Neck of Femur  
(FXHIP)**

All of 820 (D)

**Hip Replacement/Revision  
(HIPREP)**

81.5, 81.6 (exclude 81.69) (all P). On 10/1/89 code 81.51 (P) through 81.53 (P) with same diagnoses.

**Open Reduction of Fractured Femur  
(OPRDUX)**

79.35(P) on condition of 820 (D) as principal diagnosis

**CONDITION/PROCEDURE****ICD-9-CM CODES***(D)=Diagnosis code**(P)=Procedure code***Genitourinary Disorders/Procedures**Prostatectomy  
(PROS)

60.2, 60.3 through 60.69 (all P)

Hysterectomy  
(HYS)

68.3 through 68.7 (P)

**Gastrointestinal Disorders/Procedures**Cholecystectomy  
(CHOLOTMY)

51.22 (P)

**Sepsis**

Sepsis

003.1, 020.2, 022.3, 036.2, 036.3,  
036.89, 036.9, 038.0, 038.1, 038.2,  
038.3, 038.40, 038.41, 038.42, 038.43,  
038.44, 038.49, 038.8, 038.9, 054.5

**Table 2**  
**COMORBIDITY CONDITIONS**  
(all are D codes)

| COMORBIDITY                    | ICD-9-CM CODES                                                                             |
|--------------------------------|--------------------------------------------------------------------------------------------|
| Cancer                         | 141-160.9, 162-172.9, 174-208.91                                                           |
| Chronic cardiovascular disease | 412-414.9, 426-429.1                                                                       |
| Chronic liver disease          | 571-572.8                                                                                  |
| Chronic renal disease          | 582-583.9, 585-587, 403.01, 403.11, 403.91, 404.02, 404.03, 404.12, 404.13, 404.92, 404.93 |
| Chronic diabetes               | 250.01, 250.1-250.91                                                                       |
| Chronic pulmonary disease      | 491-493.91, 496                                                                            |
| Cerebrovascular degeneration   | 290-290.9, 294-299.9                                                                       |



# Table 3

## EXPLANATORY VARIABLES FOR THE MORTALITY MODEL

Generally the same variables are used for all diagnostic categories.

### Demographics

SXFM                      An indicator variable: = 1 if Female, 0 otherwise

AGEFM = AGESP if SXFM = 1, 0 otherwise

AGEML = AGESP if SXFM = 0, 0 otherwise

where

$$AGESP = \text{sign}(W-65) \left( \left| \frac{W-65}{65} \right| \right)^{1.44}$$

and

$$W = \begin{cases} 23 & \text{if AGE} \leq 23 \\ \text{AGE} & \text{if } 23 < \text{AGE} < 100 \\ 100 & \text{if } 100 \leq \text{AGE} \end{cases}$$

### Comorbidities

### ICD-9-CM Codes

(Indicator variables = 1 if comorbidity present on current or prior admission with discharge within 6 months prior to current admission, 0 otherwise)

|     |                                |                                                                                            |
|-----|--------------------------------|--------------------------------------------------------------------------------------------|
| CCA | Cancer                         | 141-160.9, 162-172.9, 174-208.91                                                           |
| CCV | Chronic cardiovascular disease | 412-414.9, 426-429.1                                                                       |
| CLV | Chronic liver disease          | 571-572.8                                                                                  |
| CRN | Chronic renal disease          | 582-583.9, 585-587, 403.01, 403.11, 403.91, 404.02, 404.03, 404.12, 404.13, 404.92, 404.93 |
| CDI | Chronic diabetes               | 250.01, 250.1-250.91                                                                       |
| COP | Chronic pulmonary disease      | 491-493.91, 496                                                                            |
| CCE | Cerebrovascular degeneration   | 290-290.9, 294-299.9                                                                       |

## Co Occurrence of Comorbidities

|         |                                       |
|---------|---------------------------------------|
| COP_CCV | 1 if COP = 1 and CCV = 1, 0 otherwise |
| CCA_CCV | 1 if CCA = 1 and CCV = 1, 0 otherwise |
| COP_CCA | 1 if COP = 1 and CCA = 1, 0 otherwise |
| CCE_CCV | 1 if CCE = 1 and CCV = 1, 0 otherwise |
| CRN_CCV | 1 if CRN = 1 and CCV = 1, 0 otherwise |

## Admission Sources and Types

(Indicator variables = 1 if source or type present, 0 otherwise)

|       |                                                   |
|-------|---------------------------------------------------|
| PREF  | Patient referred by personal or HMO physician     |
| TRSNF | Patient transferred from skilled nursing facility |
| ELCT  | Patient admitted for elective procedure           |
| EMRG  | Patient admitted for emergency                    |

## Co-Occurrence of Admission Source and Type

PREF\_ELEC = 1 if PREF = 1 and ELCT = 1, 0 otherwise

## Previous Hospitalizations

|         |                                                                                                             |
|---------|-------------------------------------------------------------------------------------------------------------|
| P_RISK1 | Number at 1st risk level with 3 or more set to 3                                                            |
| P_RISK2 | Number at 2nd risk level with 3 or more set to 3                                                            |
| P_RISK3 | Number at 3rd risk level with 3 or more set to 3                                                            |
| P_RISK4 | Number at 4th risk level with 4 or more set to 4                                                            |
| P_RISK5 | Number at 5th risk level with 3 or more set to 3                                                            |
| F(T)    | Probability of death from previous admission if discharge within 182 days of current admission, 0 otherwise |

## Time Trend

|        |                                                                                   |
|--------|-----------------------------------------------------------------------------------|
| FLAG89 | 1 if discharge in FY1989, 0 otherwise                                             |
| FLAG90 | 1 if discharge in FY1990, 0 otherwise                                             |
| INYEAR | Difference between current admission date and April 1 of fiscal year of discharge |

TABLE 4  
SMR DISTRIBUTION FOR HOSPITALS WITH GREATER THAN 50 CASES  
1990 STUDY, FY1990

| CONDITIONS/PROCEDURES    | NUMBER<br>OF<br>HOSPITALS | 30 DAYS |       |       |       |       | 90 DAYS |       |       |       |       | 180 DAYS |       |       |       |       |
|--------------------------|---------------------------|---------|-------|-------|-------|-------|---------|-------|-------|-------|-------|----------|-------|-------|-------|-------|
|                          |                           | 2.5%    | 25%   | 50%   | 75%   | 97.5% | 2.5%    | 25%   | 50%   | 75%   | 97.5% | 2.5%     | 25%   | 50%   | 75%   | 97.5% |
|                          |                           | -----   | ----- | ----- | ----- | ----- | -----   | ----- | ----- | ----- | ----- | -----    | ----- | ----- | ----- | ----- |
| OVERALL( < 750 CASES )   | 2645                      | 0.45    | 0.88  | 1.04  | 1.23  | 1.72  | 0.56    | 0.90  | 1.03  | 1.17  | 1.54  | 0.61     | 0.90  | 1.02  | 1.15  | 1.46  |
| OVERALL( >= 750 CASES)   | 2684                      | 0.73    | 0.91  | 0.99  | 1.09  | 1.35  | 0.79    | 0.94  | 1.01  | 1.09  | 1.28  | 0.82     | 0.94  | 1.01  | 1.08  | 1.24  |
| CONDITIONS               |                           |         |       |       |       |       |         |       |       |       |       |          |       |       |       |       |
| -----                    |                           |         |       |       |       |       |         |       |       |       |       |          |       |       |       |       |
| AMI                      | 1405                      | 0.54    | 0.80  | 0.95  | 1.11  | 1.42  | 0.62    | 0.86  | 0.99  | 1.14  | 1.44  | 0.63     | 0.86  | 0.99  | 1.13  | 1.39  |
| CHF                      | 2335                      | 0.43    | 0.79  | 0.98  | 1.17  | 1.64  | 0.60    | 0.85  | 0.99  | 1.13  | 1.49  | 0.66     | 0.89  | 1.00  | 1.13  | 1.41  |
| PNEUMONIA/INFLUENZA      | 2428                      | 0.41    | 0.78  | 0.97  | 1.18  | 1.68  | 0.53    | 0.84  | 1.00  | 1.17  | 1.55  | 0.57     | 0.86  | 1.01  | 1.16  | 1.50  |
| COPD                     | 435                       | 0.00    | 0.63  | 0.97  | 1.34  | 2.06  | 0.30    | 0.78  | 1.02  | 1.26  | 1.74  | 0.40     | 0.82  | 1.01  | 1.24  | 1.69  |
| TRANS. CEREBRAL ISCHEMIA | 404                       | 0.00    | 0.00  | 0.83  | 1.34  | 3.20  | 0.00    | 0.48  | 0.85  | 1.31  | 2.27  | 0.21     | 0.60  | 0.90  | 1.21  | 2.05  |
| STROKE                   | 1789                      | 0.53    | 0.79  | 0.95  | 1.13  | 1.56  | 0.61    | 0.84  | 0.98  | 1.13  | 1.47  | 0.65     | 0.87  | 0.99  | 1.12  | 1.42  |
| HIP FRACTURE             | 1199                      | 0.21    | 0.67  | 0.93  | 1.27  | 2.10  | 0.40    | 0.76  | 0.94  | 1.19  | 1.80  | 0.47     | 0.78  | 0.97  | 1.16  | 1.64  |
| SEPSIS                   | 254                       | 0.51    | 0.79  | 0.96  | 1.12  | 1.50  | 0.65    | 0.86  | 0.99  | 1.13  | 1.47  | 0.69     | 0.89  | 1.01  | 1.15  | 1.44  |
| PROCEDURES               |                           |         |       |       |       |       |         |       |       |       |       |          |       |       |       |       |
| -----                    |                           |         |       |       |       |       |         |       |       |       |       |          |       |       |       |       |
| ANGIOPLASTY              | 425                       | 0.00    | 0.49  | 0.89  | 1.33  | 2.66  | 0.00    | 0.60  | 0.93  | 1.36  | 2.34  | 0.00     | 0.63  | 0.97  | 1.34  | 2.14  |
| CABG                     | 556                       | 0.20    | 0.68  | 1.03  | 1.39  | 2.45  | 0.28    | 0.73  | 1.00  | 1.32  | 2.09  | 0.28     | 0.73  | 1.01  | 1.30  | 2.10  |
| PACEMAKER                | 112                       | 0.00    | 0.41  | 0.72  | 1.37  | 3.25  | 0.20    | 0.61  | 0.90  | 1.21  | 2.17  | 0.21     | 0.65  | 0.84  | 1.16  | 1.87  |
| CAROTID ENDARTERECTOMY   | 73                        | 0.00    | 0.00  | 0.85  | 1.33  | 2.90  | 0.00    | 0.14  | 0.74  | 1.28  | 2.43  | 0.00     | 0.42  | 0.86  | 1.38  | 2.86  |
| HIP REPLACEMENT          | 763                       | 0.00    | 0.53  | 0.94  | 1.44  | 2.77  | 0.19    | 0.67  | 0.96  | 1.31  | 2.12  | 0.26     | 0.71  | 0.94  | 1.26  | 1.91  |
| REDUCT. OF HIP FRACTURE  | 276                       | 0.00    | 0.56  | 0.86  | 1.22  | 2.05  | 0.31    | 0.68  | 0.92  | 1.19  | 1.76  | 0.38     | 0.77  | 0.96  | 1.12  | 1.58  |
| PROSTATECTOMY            | 1576                      | 0.00    | 0.00  | 0.73  | 1.57  | 3.56  | 0.00    | 0.49  | 0.91  | 1.40  | 2.63  | 0.00     | 0.57  | 0.92  | 1.29  | 2.21  |
| CHOLECYSTECTOMY          | 714                       | 0.00    | 0.49  | 0.95  | 1.54  | 2.68  | 0.00    | 0.62  | 0.93  | 1.37  | 2.22  | 0.22     | 0.67  | 0.98  | 1.27  | 1.93  |
| HYSTERECTOMY             | 113                       | 0.00    | 0.00  | 0.00  | 2.00  | 6.69  | 0.00    | 0.00  | 0.76  | 1.70  | 3.59  | 0.00     | 0.24  | 0.75  | 1.27  | 2.91  |

TABLE 4  
SMR DISTRIBUTION FOR HOSPITALS WITH GREATER THAN 50 CASES  
1990 STUDY, FY1989

| CONDITIONS/PROCEDURES    | NUMBER<br>OF<br>HOSPITALS | 30 DAYS |      |      |      |       | 90 DAYS |      |      |      |       | 180 DAYS |      |      |      |       |
|--------------------------|---------------------------|---------|------|------|------|-------|---------|------|------|------|-------|----------|------|------|------|-------|
|                          |                           | -----   |      |      |      |       | -----   |      |      |      |       | -----    |      |      |      |       |
|                          |                           | 2.5%    | 25%  | 50%  | 75%  | 97.5% | 2.5%    | 25%  | 50%  | 75%  | 97.5% | 2.5%     | 25%  | 50%  | 75%  | 97.5% |
| OVERALL( < 750 CASES )   | 2746                      | 0.50    | 0.87 | 1.04 | 1.23 | 1.73  | 0.58    | 0.89 | 1.03 | 1.17 | 1.54  | 0.61     | 0.89 | 1.01 | 1.14 | 1.44  |
| OVERALL( >= 750 CASES)   | 2669                      | 0.71    | 0.90 | 1.00 | 1.09 | 1.35  | 0.79    | 0.94 | 1.01 | 1.08 | 1.28  | 0.82     | 0.95 | 1.01 | 1.07 | 1.24  |
| CONDITIONS               |                           |         |      |      |      |       |         |      |      |      |       |          |      |      |      |       |
| -----                    |                           |         |      |      |      |       |         |      |      |      |       |          |      |      |      |       |
| AMI                      | 1412                      | 0.53    | 0.81 | 0.96 | 1.12 | 1.47  | 0.59    | 0.86 | 1.01 | 1.15 | 1.47  | 0.63     | 0.87 | 1.00 | 1.14 | 1.43  |
| CHF                      | 2293                      | 0.47    | 0.80 | 0.97 | 1.18 | 1.69  | 0.58    | 0.86 | 1.00 | 1.14 | 1.48  | 0.66     | 0.89 | 1.02 | 1.14 | 1.40  |
| PNEUMONIA/INFLUENZA      | 2179                      | 0.45    | 0.77 | 0.97 | 1.19 | 1.67  | 0.54    | 0.85 | 1.01 | 1.18 | 1.55  | 0.60     | 0.86 | 1.02 | 1.18 | 1.51  |
| COPD                     | 324                       | 0.21    | 0.68 | 0.99 | 1.32 | 2.13  | 0.44    | 0.78 | 1.04 | 1.27 | 1.91  | 0.49     | 0.84 | 1.04 | 1.24 | 1.66  |
| TRANS. CEREBRAL ISCHEMIA | 420                       | 0.00    | 0.00 | 0.79 | 1.41 | 3.26  | 0.00    | 0.46 | 0.88 | 1.33 | 2.36  | 0.18     | 0.60 | 0.92 | 1.25 | 1.97  |
| STROKE                   | 1728                      | 0.53    | 0.80 | 0.95 | 1.12 | 1.56  | 0.62    | 0.85 | 0.97 | 1.11 | 1.46  | 0.67     | 0.88 | 0.99 | 1.13 | 1.40  |
| HIP FRACTURE             | 1126                      | 0.24    | 0.67 | 0.95 | 1.30 | 2.04  | 0.39    | 0.75 | 0.98 | 1.21 | 1.71  | 0.46     | 0.78 | 0.97 | 1.18 | 1.59  |
| SEPSIS                   | 174                       | 0.52    | 0.79 | 0.94 | 1.10 | 1.52  | 0.63    | 0.88 | 1.02 | 1.15 | 1.46  | 0.68     | 0.93 | 1.05 | 1.16 | 1.43  |
| PROCEDURES               |                           |         |      |      |      |       |         |      |      |      |       |          |      |      |      |       |
| -----                    |                           |         |      |      |      |       |         |      |      |      |       |          |      |      |      |       |
| ANGIOPLASTY              | 370                       | 0.00    | 0.46 | 0.84 | 1.35 | 2.55  | 0.00    | 0.55 | 0.88 | 1.33 | 2.52  | 0.00     | 0.61 | 0.94 | 1.32 | 2.44  |
| CABG                     | 501                       | 0.21    | 0.65 | 1.00 | 1.47 | 2.57  | 0.23    | 0.69 | 1.00 | 1.33 | 2.29  | 0.32     | 0.74 | 1.01 | 1.33 | 2.21  |
| PACEMAKER                | 91                        | 0.00    | 0.52 | 0.74 | 1.12 | 2.31  | 0.00    | 0.56 | 0.83 | 1.15 | 2.14  | 0.20     | 0.68 | 0.81 | 1.16 | 1.87  |
| CAROTID ENDARTERECTOMY   | 55                        | 0.00    | 0.00 | 0.82 | 1.51 | 5.01  | 0.00    | 0.47 | 0.86 | 1.31 | 4.00  | 0.00     | 0.43 | 0.85 | 1.28 | 3.12  |
| HIP REPLACEMENT          | 686                       | 0.00    | 0.52 | 0.92 | 1.44 | 2.46  | 0.00    | 0.65 | 0.94 | 1.27 | 1.95  | 0.21     | 0.67 | 0.94 | 1.19 | 1.75  |
| REDUCT. OF HIP FRACTURE  | 246                       | 0.19    | 0.57 | 0.91 | 1.23 | 1.96  | 0.31    | 0.71 | 0.96 | 1.19 | 1.74  | 0.41     | 0.78 | 0.96 | 1.13 | 1.53  |
| PROSTATECTOMY            | 1570                      | 0.00    | 0.00 | 0.67 | 1.50 | 3.46  | 0.00    | 0.47 | 0.86 | 1.36 | 2.67  | 0.00     | 0.58 | 0.93 | 1.28 | 2.15  |
| CHOLECYSTECTOMY          | 680                       | 0.00    | 0.53 | 0.94 | 1.53 | 2.90  | 0.00    | 0.62 | 0.97 | 1.36 | 2.15  | 0.22     | 0.66 | 0.95 | 1.26 | 1.98  |
| HYSTERECTOMY             | 101                       | 0.00    | 0.00 | 0.00 | 1.80 | 5.44  | 0.00    | 0.00 | 0.78 | 1.60 | 4.21  | 0.00     | 0.00 | 0.91 | 1.38 | 2.99  |



TABLE 4  
SMR DISTRIBUTION FOR HOSPITALS WITH GREATER THAN 50 CASES  
1990 STUDY, FY1988

| CONDITIONS/PROCEDURES    | NUMBER<br>OF<br>HOSPITALS | 30 DAYS |      |      |      |       | 90 DAYS |      |      |      |       | 180 DAYS |      |      |      |       |
|--------------------------|---------------------------|---------|------|------|------|-------|---------|------|------|------|-------|----------|------|------|------|-------|
|                          |                           | -----   |      |      |      |       | -----   |      |      |      |       | -----    |      |      |      |       |
|                          |                           | 2.5%    | 25%  | 50%  | 75%  | 97.5% | 2.5%    | 25%  | 50%  | 75%  | 97.5% | 2.5%     | 25%  | 50%  | 75%  | 97.5% |
| OVERALL( < 750 CASES )   | 2838                      | 0.46    | 0.89 | 1.05 | 1.23 | 1.75  | 0.54    | 0.90 | 1.03 | 1.16 | 1.57  | 0.59     | 0.90 | 1.02 | 1.14 | 1.45  |
| OVERALL( >= 750 CASES)   | 2693                      | 0.73    | 0.90 | 1.00 | 1.10 | 1.35  | 0.79    | 0.94 | 1.01 | 1.09 | 1.27  | 0.82     | 0.95 | 1.01 | 1.08 | 1.24  |
| CONDITIONS               |                           |         |      |      |      |       |         |      |      |      |       |          |      |      |      |       |
| -----                    |                           |         |      |      |      |       |         |      |      |      |       |          |      |      |      |       |
| AMI                      | 1414                      | 0.56    | 0.82 | 0.96 | 1.12 | 1.41  | 0.63    | 0.87 | 1.01 | 1.14 | 1.42  | 0.65     | 0.89 | 1.00 | 1.13 | 1.39  |
| CHF                      | 2246                      | 0.45    | 0.79 | 0.97 | 1.18 | 1.61  | 0.60    | 0.86 | 1.00 | 1.14 | 1.43  | 0.68     | 0.90 | 1.02 | 1.13 | 1.37  |
| PNEUMONIA/INFLUENZA      | 2069                      | 0.44    | 0.79 | 0.97 | 1.17 | 1.68  | 0.57    | 0.85 | 1.01 | 1.17 | 1.59  | 0.61     | 0.87 | 1.01 | 1.16 | 1.53  |
| COPD                     | 310                       | 0.21    | 0.67 | 0.92 | 1.30 | 2.17  | 0.39    | 0.79 | 0.98 | 1.20 | 1.81  | 0.51     | 0.82 | 0.99 | 1.19 | 1.59  |
| TRANS. CEREBRAL ISCHEMIA | 495                       | 0.00    | 0.00 | 0.84 | 1.48 | 2.94  | 0.00    | 0.48 | 0.92 | 1.39 | 2.28  | 0.21     | 0.60 | 0.92 | 1.27 | 1.92  |
| STROKE                   | 1726                      | 0.51    | 0.79 | 0.95 | 1.12 | 1.56  | 0.60    | 0.84 | 0.98 | 1.13 | 1.44  | 0.64     | 0.88 | 1.00 | 1.13 | 1.42  |
| HIP FRACTURE             | 1119                      | 0.24    | 0.65 | 0.96 | 1.27 | 2.07  | 0.40    | 0.78 | 0.98 | 1.21 | 1.77  | 0.47     | 0.80 | 0.98 | 1.17 | 1.64  |
| SEPSIS                   | 133                       | 0.58    | 0.77 | 0.92 | 1.08 | 1.64  | 0.56    | 0.86 | 1.00 | 1.13 | 1.54  | 0.67     | 0.88 | 1.02 | 1.14 | 1.53  |
| PROCEDURES               |                           |         |      |      |      |       |         |      |      |      |       |          |      |      |      |       |
| -----                    |                           |         |      |      |      |       |         |      |      |      |       |          |      |      |      |       |
| ANGIOPLASTY              | 297                       | 0.00    | 0.50 | 0.87 | 1.35 | 2.60  | 0.00    | 0.59 | 0.91 | 1.34 | 2.50  | 0.00     | 0.65 | 0.95 | 1.31 | 2.25  |
| CABG                     | 478                       | 0.21    | 0.68 | 0.98 | 1.39 | 2.40  | 0.32    | 0.73 | 1.00 | 1.36 | 2.12  | 0.38     | 0.75 | 1.01 | 1.31 | 2.04  |
| PACEMAKER                | 83                        | 0.00    | 0.34 | 0.65 | 1.04 | 1.75  | 0.01    | 0.54 | 0.85 | 1.03 | 1.70  | 0.23     | 0.69 | 0.87 | 1.10 | 1.57  |
| CAROTID ENDARTERECTOMY   | 69                        | 0.00    | 0.00 | 0.60 | 1.23 | 3.30  | 0.00    | 0.33 | 0.62 | 1.09 | 2.50  | 0.00     | 0.44 | 0.68 | 1.16 | 1.87  |
| HIP REPLACEMENT          | 670                       | 0.00    | 0.49 | 0.95 | 1.40 | 2.65  | 0.00    | 0.66 | 1.01 | 1.31 | 2.15  | 0.24     | 0.70 | 0.96 | 1.24 | 1.87  |
| REDUCT. OF HIP FRACTURE  | 259                       | 0.00    | 0.61 | 0.91 | 1.26 | 2.16  | 0.38    | 0.74 | 0.96 | 1.21 | 1.94  | 0.44     | 0.77 | 0.96 | 1.16 | 1.79  |
| PROSTATECTOMY            | 1619                      | 0.00    | 0.00 | 0.78 | 1.53 | 3.69  | 0.00    | 0.54 | 0.92 | 1.39 | 2.57  | 0.00     | 0.61 | 0.93 | 1.30 | 2.21  |
| CHOLECYSTECTOMY          | 642                       | 0.00    | 0.50 | 0.96 | 1.44 | 3.04  | 0.00    | 0.61 | 0.96 | 1.36 | 2.26  | 0.25     | 0.66 | 0.96 | 1.27 | 2.01  |
| HYSTERECTOMY             | 90                        | 0.00    | 0.00 | 0.00 | 1.57 | 5.00  | 0.00    | 0.00 | 0.68 | 1.43 | 2.83  | 0.00     | 0.28 | 0.67 | 1.15 | 2.88  |

TABLE 5: MULTIPLICATIVE FACTORS FOR THE CALCULATION OF THE BOUNDS FOR PREDICTION INTERVALS  
(n is the number of cases at your hospital and p is the predicted mortality rate)

| p | n    | 99% Prediction Interval |      |      |      |      | 95% Prediction Interval |      |      |      |      | 75% Prediction Interval |      |      |      |      |
|---|------|-------------------------|------|------|------|------|-------------------------|------|------|------|------|-------------------------|------|------|------|------|
|   |      | Factor for Upper Bound  |      |      |      |      | Factor for Upper Bound  |      |      |      |      | Factor for Upper Bound  |      |      |      |      |
|   |      | 1%                      | 5%   | 10%  | 20%  | 40%  | 1%                      | 5%   | 10%  | 20%  | 40%  | 1%                      | 5%   | 10%  | 20%  | 40%  |
|   | 25   | 2.95                    | 2.73 | 2.68 | 2.63 | 2.59 | 2.15                    | 2.04 | 2.01 | 1.99 | 1.97 | 1.17                    | 1.16 | 1.16 | 1.15 | 1.15 |
|   | 50   | 2.76                    | 2.65 | 2.63 | 2.60 | 2.58 | 2.05                    | 2.00 | 1.99 | 1.97 | 1.96 | 1.16                    | 1.15 | 1.15 | 1.15 | 1.15 |
|   | 75   | 2.70                    | 2.63 | 2.61 | 2.59 | 2.58 | 2.02                    | 1.99 | 1.98 | 1.97 | 1.96 | 1.16                    | 1.15 | 1.15 | 1.15 | 1.15 |
|   | 100  | 2.67                    | 2.61 | 2.60 | 2.59 | 2.58 | 2.01                    | 1.98 | 1.97 | 1.97 | 1.96 | 1.16                    | 1.15 | 1.15 | 1.15 | 1.15 |
|   | 150  | 2.64                    | 2.60 | 2.59 | 2.59 | 2.58 | 1.99                    | 1.97 | 1.97 | 1.96 | 1.96 | 1.15                    | 1.15 | 1.15 | 1.15 | 1.15 |
|   | 200  | 2.62                    | 2.60 | 2.59 | 2.58 | 2.58 | 1.98                    | 1.97 | 1.97 | 1.96 | 1.96 | 1.15                    | 1.15 | 1.15 | 1.15 | 1.15 |
|   | 300  | 2.61                    | 2.59 | 2.58 | 2.58 | 2.58 | 1.98                    | 1.97 | 1.96 | 1.96 | 1.96 | 1.15                    | 1.15 | 1.15 | 1.15 | 1.15 |
|   | 400  | 2.60                    | 2.59 | 2.58 | 2.58 | 2.58 | 1.97                    | 1.96 | 1.96 | 1.96 | 1.96 | 1.15                    | 1.15 | 1.15 | 1.15 | 1.15 |
|   | 500  | 2.59                    | 2.58 | 2.58 | 2.58 | 2.58 | 1.97                    | 1.96 | 1.96 | 1.96 | 1.96 | 1.15                    | 1.15 | 1.15 | 1.15 | 1.15 |
|   | 750  | 2.59                    | 2.58 | 2.58 | 2.58 | 2.58 | 1.97                    | 1.96 | 1.96 | 1.96 | 1.96 | 1.15                    | 1.15 | 1.15 | 1.15 | 1.15 |
|   | 1000 | 2.59                    | 2.58 | 2.58 | 2.58 | 2.58 | 1.96                    | 1.96 | 1.96 | 1.96 | 1.96 | 1.15                    | 1.15 | 1.15 | 1.15 | 1.15 |
|   | 2000 | 2.58                    | 2.58 | 2.58 | 2.58 | 2.58 | 1.96                    | 1.96 | 1.96 | 1.96 | 1.96 | 1.15                    | 1.15 | 1.15 | 1.15 | 1.15 |
|   | 5000 | 2.58                    | 2.58 | 2.58 | 2.58 | 2.58 | 1.96                    | 1.96 | 1.96 | 1.96 | 1.96 | 1.15                    | 1.15 | 1.15 | 1.15 | 1.15 |

| p | n    | Factor for Lower Bound |       |       |       |       | Factor for Lower Bound |       |       |       |       | Factor for Lower Bound |       |       |       |       |
|---|------|------------------------|-------|-------|-------|-------|------------------------|-------|-------|-------|-------|------------------------|-------|-------|-------|-------|
|   |      | Factor for Lower Bound |       |       |       |       | Factor for Lower Bound |       |       |       |       | Factor for Lower Bound |       |       |       |       |
|   |      | 1%                     | 5%    | 10%   | 20%   | 40%   | 1%                     | 5%    | 10%   | 20%   | 40%   | 1%                     | 5%    | 10%   | 20%   | 40%   |
|   | 25   | -2.21                  | -2.42 | -2.48 | -2.52 | -2.56 | -1.77                  | -1.88 | -1.91 | -1.93 | -1.95 | -1.13                  | -1.14 | -1.14 | -1.15 | -1.15 |
|   | 50   | -2.39                  | -2.50 | -2.53 | -2.55 | -2.57 | -1.87                  | -1.92 | -1.93 | -1.95 | -1.96 | -1.14                  | -1.15 | -1.15 | -1.15 | -1.15 |
|   | 75   | -2.45                  | -2.52 | -2.54 | -2.56 | -2.57 | -1.90                  | -1.93 | -1.94 | -1.95 | -1.96 | -1.14                  | -1.15 | -1.15 | -1.15 | -1.15 |
|   | 100  | -2.48                  | -2.54 | -2.55 | -2.56 | -2.57 | -1.91                  | -1.94 | -1.95 | -1.95 | -1.96 | -1.15                  | -1.15 | -1.15 | -1.15 | -1.15 |
|   | 150  | -2.51                  | -2.55 | -2.56 | -2.57 | -2.57 | -1.93                  | -1.95 | -1.95 | -1.96 | -1.96 | -1.15                  | -1.15 | -1.15 | -1.15 | -1.15 |
|   | 200  | -2.53                  | -2.56 | -2.56 | -2.57 | -2.57 | -1.94                  | -1.95 | -1.95 | -1.96 | -1.96 | -1.15                  | -1.15 | -1.15 | -1.15 | -1.15 |
|   | 300  | -2.54                  | -2.56 | -2.57 | -2.57 | -2.57 | -1.94                  | -1.95 | -1.96 | -1.96 | -1.96 | -1.15                  | -1.15 | -1.15 | -1.15 | -1.15 |
|   | 400  | -2.55                  | -2.57 | -2.57 | -2.57 | -2.57 | -1.95                  | -1.96 | -1.96 | -1.96 | -1.96 | -1.15                  | -1.15 | -1.15 | -1.15 | -1.15 |
|   | 500  | -2.56                  | -2.57 | -2.57 | -2.57 | -2.58 | -1.95                  | -1.96 | -1.96 | -1.96 | -1.96 | -1.15                  | -1.15 | -1.15 | -1.15 | -1.15 |
|   | 750  | -2.56                  | -2.57 | -2.57 | -2.57 | -2.58 | -1.95                  | -1.96 | -1.96 | -1.96 | -1.96 | -1.15                  | -1.15 | -1.15 | -1.15 | -1.15 |
|   | 1000 | -2.57                  | -2.57 | -2.57 | -2.57 | -2.58 | -1.96                  | -1.96 | -1.96 | -1.96 | -1.96 | -1.15                  | -1.15 | -1.15 | -1.15 | -1.15 |
|   | 2000 | -2.57                  | -2.57 | -2.57 | -2.58 | -2.58 | -1.96                  | -1.96 | -1.96 | -1.96 | -1.96 | -1.15                  | -1.15 | -1.15 | -1.15 | -1.15 |
|   | 5000 | -2.57                  | -2.58 | -2.58 | -2.58 | -2.58 | -1.96                  | -1.96 | -1.96 | -1.96 | -1.96 | -1.15                  | -1.15 | -1.15 | -1.15 | -1.15 |

**Medicare  
Hospital  
Information**

# AGNEWS STATE HOSPITAL

AGNEWS  
SAN JOSE, CA 95134  
Medicare Provider Number: 050662

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 4                  | 0.0                 | 5.9  | ----- | 0.0     | 7.4  | ----- | 0.0      | 9.0  | ----- |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 0                  |                     |      |       |         |      |       |          |      |       |
| Congestive Heart Failure.....              | 0                  |                     |      |       |         |      |       |          |      |       |
| Pneumonia/Influenza.....                   | 2                  | 0.0                 | 4.1  | ----- | 0.0     | 5.2  | ----- | 0.0      | 6.5  | ----- |
| Chronic Obstructive Pulmonary Disease..... | 0                  |                     |      |       |         |      |       |          |      |       |
| Transient Cerebral Ischemia.....           | 0                  |                     |      |       |         |      |       |          |      |       |
| Stroke.....                                | 0                  |                     |      |       |         |      |       |          |      |       |
| Hip Fracture.....                          | 0                  |                     |      |       |         |      |       |          |      |       |
| Sepsis.....                                | 0                  |                     |      |       |         |      |       |          |      |       |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0                  |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 0                  |                     |      |       |         |      |       |          |      |       |
| Open Reduction of Hip Fracture.....        | 0                  |                     |      |       |         |      |       |          |      |       |
| Prostatectomy.....                         | 0                  |                     |      |       |         |      |       |          |      |       |
| Cholecystectomy.....                       | 0                  |                     |      |       |         |      |       |          |      |       |
| Hysterectomy.....                          | 0                  |                     |      |       |         |      |       |          |      |       |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES

No Graphs are presented when the standard deviation  
was not computed for one or more of the three fiscal years,  
(1988, 1989, or 1990)



# AGNEWS STATE HOSPITAL

Medicare Provider Number: 050662

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 38.0 years  
Proportion female..... 0.0 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 0.0 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 0.0 %  
Admitted for emergency..... 100.0 %

### COMORBIDITIES:

Cancer..... 0.0 %  
Chronic cardiovascular disease..... 25.0 %  
Chronic liver disease..... 0.0 %  
Chronic renal disease..... 0.0 %  
Chronic pulmonary disease..... 25.0 %  
Cerebrovascular degeneration..... 0.0 %  
Diabetes mellitus..... 0.0 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 83.3%  
State ..... 16.7%  
Outside State ..... 0.0%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 22.0 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1991

### PROFILE:

Total Beds ..... 12  
Ownership/Control..... State Government  
Case Mix Index (CMI) ..... 1.1541

### STAFFING:

Medical Residents/Interns ..... 1  
Registered Nurses..... 12  
Licensed Practical Nurses ..... 1

### SPECIALTY SERVICES:

Burn Unit ..... Yes  
Coronary Care Unit ..... Yes  
Hospice Care ..... No  
Intensive Care Unit ..... Yes  
Organ Transplant ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... Yes  
Psychiatric ..... Yes  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

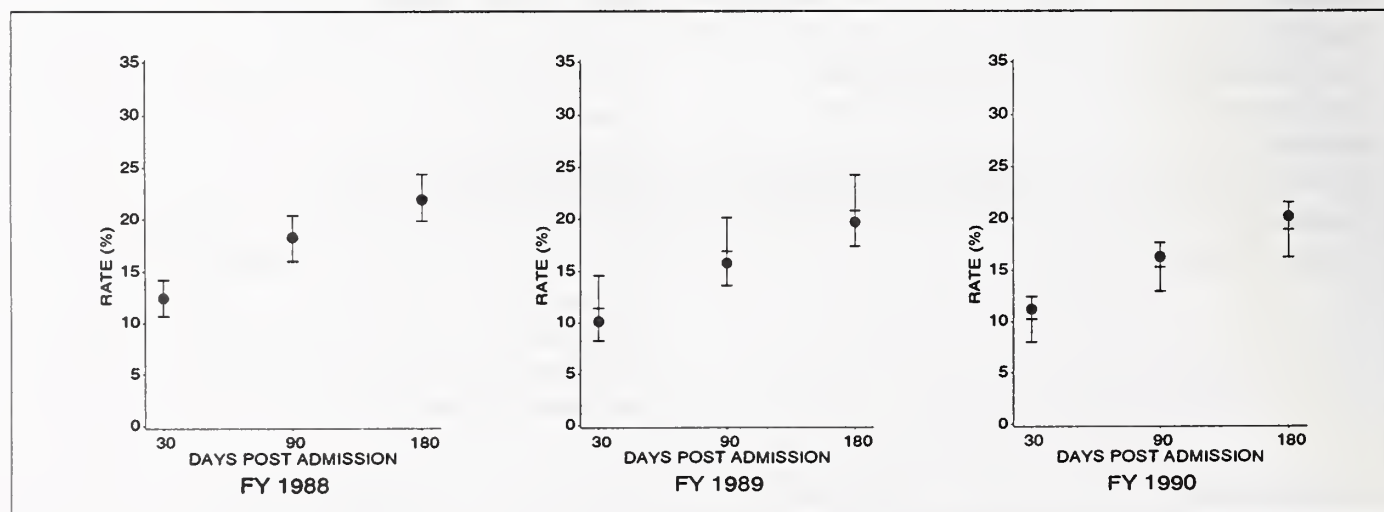
**ALAMEDA HOSPITAL**  
2070 CLINTON AVE  
ALAMEDA, CA 94501  
Medicare Provider Number: 050211

**FY 1990 MEDICARE HOSPITAL MORTALITY RATES**

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1254            | 11.2                | 10.2 | 1.1   | 16.3    | 15.3 | 1.2   | 20.2     | 18.9 | 1.3   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 46              | 32.6                | 22.6 | ----- | 34.8    | 26.1 | ----- | 34.8     | 28.8 | ----- |
| Congestive Heart Failure.....              | 82              | 15.9                | 14.5 | 4.1   | 28.0    | 22.8 | 5.9   | 36.6     | 29.0 | 7.6   |
| Pneumonia/Influenza.....                   | 85              | 15.3                | 13.8 | 3.9   | 22.4    | 19.2 | 4.9   | 28.2     | 22.8 | 5.7   |
| Chronic Obstructive Pulmonary Disease..... | 16              | 12.5                | 10.4 | ----- | 25.0    | 17.8 | ----- | 25.0     | 23.5 | ----- |
| Transient Cerebral Ischemia.....           | 21              | 9.5                 | 2.4  | ----- | 9.5     | 5.5  | ----- | 9.5      | 9.1  | ----- |
| Stroke.....                                | 83              | 24.1                | 20.7 | 5.5   | 30.1    | 27.9 | 5.3   | 31.3     | 31.6 | 6.4   |
| Hip Fracture.....                          | 41              | 7.3                 | 5.6  | ----- | 7.3     | 10.0 | ----- | 9.8      | 13.3 | ----- |
| Sepsis.....                                | 14              | 28.6                | 20.9 | ----- | 35.7    | 26.8 | ----- | 50.0     | 31.1 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 6               | 16.7                | 4.6  | ----- | 16.7    | 9.5  | ----- | 16.7     | 13.6 | ----- |
| Carotid Endarterectomy.....                | 11              | 0.0                 | 1.1  | ----- | 0.0     | 2.1  | ----- | 18.2     | 3.3  | ----- |
| Hip Replacement/Reconstruction.....        | 30              | 6.7                 | 3.1  | ----- | 10.0    | 5.9  | ----- | 13.3     | 8.0  | ----- |
| Open Reduction of Hip Fracture.....        | 29              | 0.0                 | 5.0  | ----- | 0.0     | 9.2  | ----- | 0.0      | 12.3 | ----- |
| Prostatectomy.....                         | 31              | 0.0                 | 0.9  | ----- | 0.0     | 2.1  | ----- | 0.0      | 3.7  | ----- |
| Cholecystectomy.....                       | 19              | 0.0                 | 2.7  | ----- | 0.0     | 5.0  | ----- | 0.0      | 6.5  | ----- |
| Hysterectomy.....                          | 6               | 0.0                 | 0.5  | ----- | 0.0     | 1.2  | ----- | 0.0      | 1.9  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

**OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD)  
FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES**



**ALAMEDA HOSPITAL**  
Medicare Provider Number: 050211

**FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES**

**DEMOGRAPHICS:**

Average age at admission..... 77.0 years  
Proportion female..... 58.9 %

**ADMISSION SOURCES/TYPES:**

Referred by personal or HMO physician..... 34.0 %  
Transferred from skilled nursing facility..... 1.3 %  
Admitted for elective procedure..... 32.9 %  
Admitted for emergency..... 62.7 %

**COMORBIDITIES:**

Cancer..... 6.5 %  
Chronic cardiovascular disease..... 43.6 %  
Chronic liver disease..... 1.6 %  
Chronic renal disease..... 3.6 %  
Chronic pulmonary disease..... 14.1 %  
Cerebrovascular degeneration..... 4.1 %  
Diabetes mellitus..... 5.2 %

**ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\***

**ORIGIN OF MEDICARE PATIENT ADMISSION:**

County/City ..... 94.2%  
State ..... 4.4%  
Outside State ..... 1.4%  
Total ..... 100.0%

**MEDICARE AVERAGE LENGTH OF STAY:**

Hospital ..... 6.1 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

**HOSPITAL CHARACTERISTICS\***

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

**PROFILE:**

Total Beds ..... 121  
Occupancy Rate ..... 55.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 53.6 %  
Case Mix Index (CMI) ..... 1.2599

**STAFFING:**

Total Number of Physicians..... 87  
Percent of Physicians Board  
Certified Specialists ..... 85.1 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 106  
Licensed Practical Nurses ..... 11

**SPECIALTY SERVICES:**

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... Yes  
Hospice Care ..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

**OTHER SPECIALTY/HOSPITAL-BASED SERVICES:**

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# ALEXIAN BROTHERS HOSPITAL

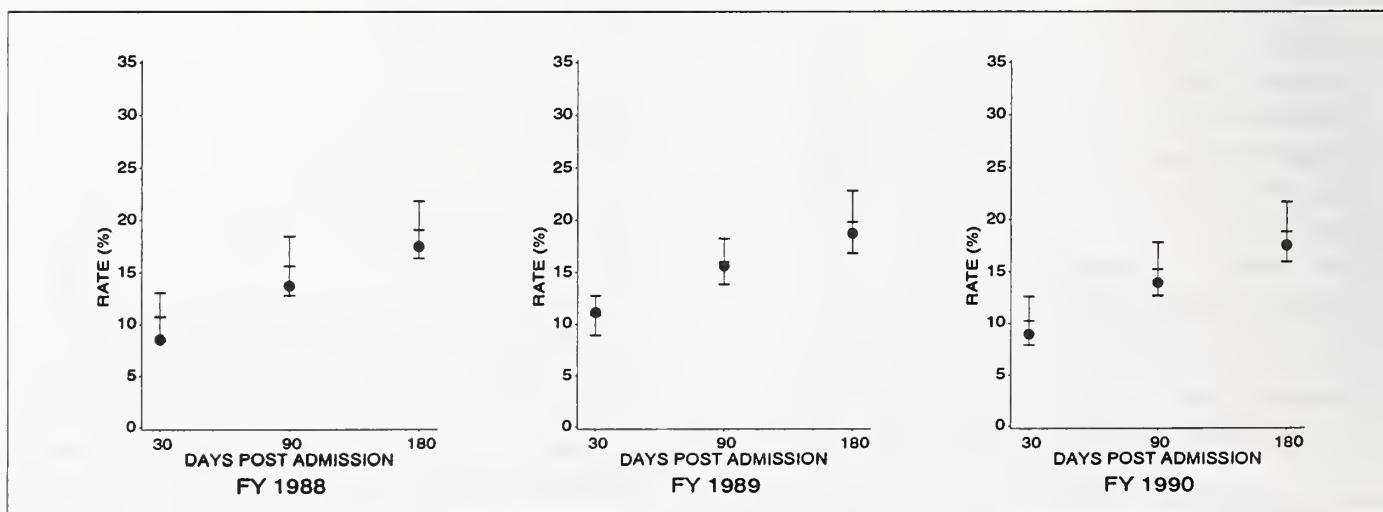
225 N JACKSON AVE  
SAN JOSE, CA 95116  
Medicare Provider Number: 050125

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 1350            | 8.9                 | 10.2 | 1.2  | 13.9    | 15.2 | 1.3  | 17.5     | 18.8 | 1.4  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 27              | 25.9                | 23.4 | ---- | 29.6    | 26.3 | ---- | 33.3     | 28.9 | ---- |
| Congestive Heart Failure.....              | 84              | 9.5                 | 15.1 | 5.8  | 15.5    | 24.0 | 7.7  | 21.4     | 30.5 | 8.7  |
| Pneumonia/Influenza.....                   | 81              | 16.0                | 14.9 | 4.7  | 24.7    | 20.5 | 6.1  | 27.2     | 24.5 | 5.8  |
| Chronic Obstructive Pulmonary Disease..... | 29              | 10.3                | 10.4 | ---- | 27.6    | 18.1 | ---- | 27.6     | 23.9 | ---- |
| Transient Cerebral Ischemia.....           | 28              | 0.0                 | 1.8  | ---- | 3.6     | 4.0  | ---- | 3.6      | 6.5  | ---- |
| Stroke.....                                | 57              | 14.0                | 20.3 | 6.7  | 19.3    | 25.3 | 8.2  | 21.1     | 28.7 | 9.5  |
| Hip Fracture.....                          | 24              | 16.7                | 6.7  | ---- | 20.8    | 11.4 | ---- | 20.8     | 14.7 | ---- |
| Sepsis.....                                | 30              | 20.0                | 13.7 | ---- | 20.0    | 18.6 | ---- | 20.0     | 22.4 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 11              | 0.0                 | 6.1  | ---- | 0.0     | 11.3 | ---- | 0.0      | 15.2 | ---- |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 14              | 7.1                 | 2.3  | ---- | 7.1     | 4.3  | ---- | 7.1      | 6.0  | ---- |
| Open Reduction of Hip Fracture.....        | 12              | 8.3                 | 6.8  | ---- | 16.7    | 11.8 | ---- | 16.7     | 15.5 | ---- |
| Prostatectomy.....                         | 30              | 0.0                 | 0.8  | ---- | 0.0     | 1.9  | ---- | 0.0      | 3.4  | ---- |
| Cholecystectomy.....                       | 22              | 0.0                 | 2.0  | ---- | 0.0     | 3.9  | ---- | 4.5      | 5.6  | ---- |
| Hysterectomy.....                          | 6               | 0.0                 | 0.4  | ---- | 0.0     | 0.9  | ---- | 0.0      | 1.5  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# ALEXIAN BROTHERS HOSPITAL

Medicare Provider Number: 050125

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 74.1 years  
Proportion female..... 55.6 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 28.3 %  
Transferred from skilled nursing facility..... 1.1 %  
Admitted for elective procedure..... 11.4 %  
Admitted for emergency..... 36.2 %

### COMORBIDITIES:

Cancer..... 5.4 %  
Chronic cardiovascular disease..... 40.6 %  
Chronic liver disease..... 1.1 %  
Chronic renal disease..... 4.7 %  
Chronic pulmonary disease..... 18.1 %  
Cerebrovascular degeneration..... 4.9 %  
Diabetes mellitus..... 11.5 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 93.0%  
State ..... 5.0%  
Outside State ..... 2.0%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 7.4 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 180  
Occupancy Rate ..... 73.0 %  
Ownership/Control..... Church  
Medicare Discharges ..... 25.7 %  
Case Mix Index (CMI) ..... 1.3245

### STAFFING:

Total Number of Physicians..... (Not Available)  
Percent of Physicians Board  
Certified Specialists .....(Not Available)  
Medical Residents/Interns ..... (Not Available)  
Registered Nurses..... (Not Available)  
Licensed Practical Nurses ..... (Not Available)

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... Yes  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# ALTA BATES - HERRICK HOSPITAL

2001 DWIGHT WAY  
BERKELEY, CA 94704  
Medicare Provider Number: 050087

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 11                 | 0.0                 | 0.4  | ----- | 0.0     | 1.0  | ----- | 0.0      | 1.8  | ----- |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 0                  |                     |      |       |         |      |       |          |      |       |
| Congestive Heart Failure.....              | 0                  |                     |      |       |         |      |       |          |      |       |
| Pneumonia/Influenza.....                   | 0                  |                     |      |       |         |      |       |          |      |       |
| Chronic Obstructive Pulmonary Disease..... | 0                  |                     |      |       |         |      |       |          |      |       |
| Transient Cerebral Ischemia.....           | 0                  |                     |      |       |         |      |       |          |      |       |
| Stroke.....                                | 0                  |                     |      |       |         |      |       |          |      |       |
| Hip Fracture.....                          | 0                  |                     |      |       |         |      |       |          |      |       |
| Sepsis.....                                | 0                  |                     |      |       |         |      |       |          |      |       |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0                  |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 0                  |                     |      |       |         |      |       |          |      |       |
| Open Reduction of Hip Fracture.....        | 0                  |                     |      |       |         |      |       |          |      |       |
| Prostatectomy.....                         | 0                  |                     |      |       |         |      |       |          |      |       |
| Cholecystectomy.....                       | 0                  |                     |      |       |         |      |       |          |      |       |
| Hysterectomy.....                          | 0                  |                     |      |       |         |      |       |          |      |       |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES

No Graphs are presented when the standard deviation  
was not computed for one or more of the three fiscal years,  
(1988, 1989, or 1990)

# ALTA BATES - HERRICK HOSPITAL

Medicare Provider Number: 050087

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 55.5 years  
Proportion female..... 9.1 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 90.9 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 27.3 %  
Admitted for emergency..... 0.0 %

### COMORBIDITIES:

Cancer..... 0.0 %  
Chronic cardiovascular disease..... 0.0 %  
Chronic liver disease..... 9.1 %  
Chronic renal disease..... 0.0 %  
Chronic pulmonary disease..... 0.0 %  
Cerebrovascular degeneration..... 0.0 %  
Diabetes mellitus..... 0.0 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 66.7%  
State ..... 33.3%  
Outside State ..... 0.0%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 7.3 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1983

### PROFILE:

Total Beds ..... 218  
Ownership/Control..... Private, Non-Profit  
Case Mix Index (CMI) ..... 0.6656

### STAFFING:

Medical Residents/Interns ..... 0  
Registered Nurses ..... 169  
Licensed Practical Nurses ..... 11

### SPECIALTY SERVICES:

Burn Unit ..... No  
Coronary Care Unit ..... Yes  
Hospice Care ..... No  
Intensive Care Unit ..... Yes  
Organ Transplant ..... No  
Trauma Center ..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation ..... Yes  
Psychiatric ..... Yes  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# ALTA BATES - HERRICK HOSPITAL

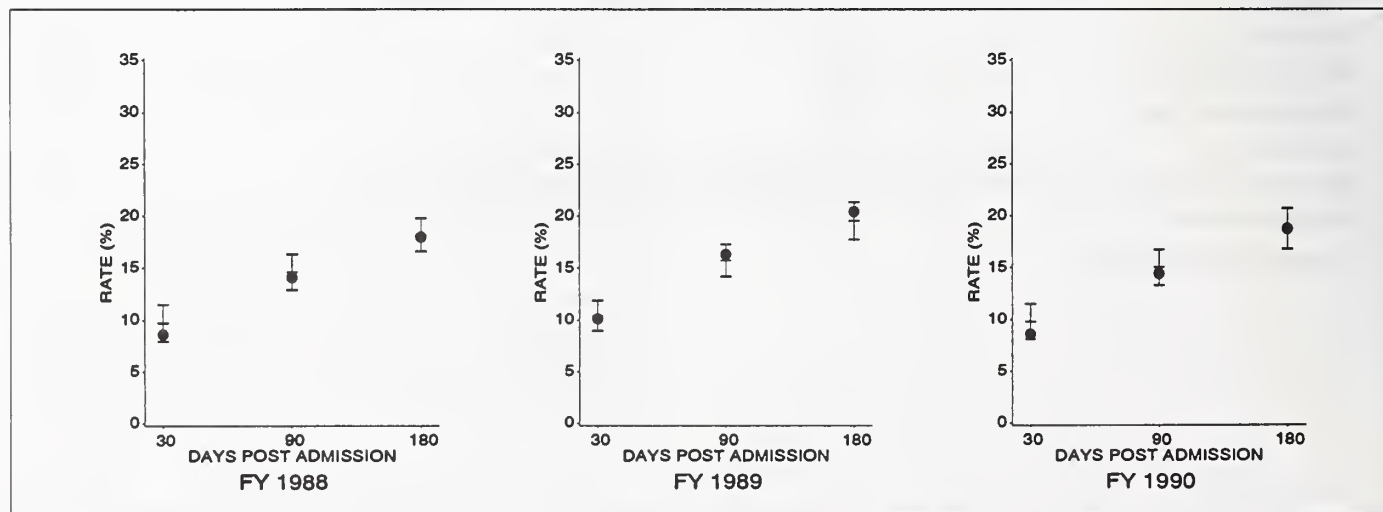
3001 COLBY STREET  
BERKELEY, CA 94705  
Medicare Provider Number: 050305

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 3250            | 8.6                 | 9.8  | 0.9  | 14.4    | 15.0 | 0.9  | 18.7     | 18.7 | 1.0  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 85              | 17.6                | 29.4 | 8.0  | 22.4    | 32.3 | 8.4  | 24.7     | 35.0 | 8.4  |
| Congestive Heart Failure.....              | 196             | 10.7                | 14.4 | 4.6  | 19.4    | 22.4 | 4.1  | 27.0     | 28.4 | 3.6  |
| Pneumonia/Influenza.....                   | 164             | 13.4                | 14.7 | 4.0  | 17.7    | 20.3 | 5.2  | 22.6     | 24.0 | 6.2  |
| Chronic Obstructive Pulmonary Disease..... | 28              | 7.1                 | 8.1  | ---- | 21.4    | 14.3 | ---- | 28.6     | 18.8 | ---- |
| Transient Cerebral Ischemia.....           | 29              | 0.0                 | 1.4  | ---- | 6.9     | 3.3  | ---- | 6.9      | 5.4  | ---- |
| Stroke.....                                | 142             | 18.3                | 17.9 | 4.3  | 22.5    | 24.4 | 4.0  | 27.5     | 28.2 | 4.1  |
| Hip Fracture.....                          | 92              | 5.4                 | 5.9  | 2.8  | 15.2    | 10.7 | 5.3  | 19.6     | 14.2 | 7.0  |
| Sepsis.....                                | 44              | 22.7                | 25.1 | ---- | 31.8    | 32.5 | ---- | 34.1     | 37.0 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 65              | 1.5                 | 4.1  | 3.9  | 1.5     | 5.2  | 4.1  | 4.6      | 6.3  | 3.5  |
| Coronary Artery Bypass Graft.....          | 28              | 3.6                 | 4.4  | ---- | 3.6     | 5.8  | ---- | 3.6      | 6.5  | ---- |
| Initial Pacemaker Insertion.....           | 24              | 12.5                | 2.3  | ---- | 12.5    | 4.5  | ---- | 16.7     | 6.9  | ---- |
| Carotid Endarterectomy.....                | 17              | 5.9                 | 1.0  | ---- | 5.9     | 2.0  | ---- | 5.9      | 3.0  | ---- |
| Hip Replacement/Reconstruction.....        | 70              | 2.9                 | 2.1  | 1.8  | 5.7     | 4.1  | 2.7  | 7.1      | 5.9  | 3.3  |
| Open Reduction of Hip Fracture.....        | 31              | 6.5                 | 6.4  | ---- | 19.4    | 12.2 | ---- | 22.6     | 16.3 | ---- |
| Prostatectomy.....                         | 130             | 0.8                 | 0.9  | 1.2  | 3.8     | 2.1  | 2.0  | 4.6      | 3.6  | 2.4  |
| Cholecystectomy.....                       | 54              | 3.7                 | 3.9  | 2.7  | 9.3     | 7.2  | 4.0  | 13.0     | 9.4  | 5.0  |
| Hysterectomy.....                          | 33              | 0.0                 | 0.6  | ---- | 0.0     | 1.5  | ---- | 0.0      | 2.5  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# ALTA BATES - HERRICK HOSPITAL

Medicare Provider Number: 050305

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 73.9 years  
Proportion female..... 60.3 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 43.8 %  
Transferred from skilled nursing facility..... 0.4 %  
Admitted for elective procedure..... 21.4 %  
Admitted for emergency..... 11.0 %

### COMORBIDITIES:

Cancer..... 9.8 %  
Chronic cardiovascular disease..... 30.0 %  
Chronic liver disease..... 0.7 %  
Chronic renal disease..... 7.0 %  
Chronic pulmonary disease..... 8.9 %  
Cerebrovascular degeneration..... 6.2 %  
Diabetes mellitus..... 6.4 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 72.5%  
State ..... 25.9%  
Outside State ..... 1.6%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 6.7 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 472  
Occupancy Rate ..... 74.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 37.4 %  
Case Mix Index (CMI) ..... 1.3803

### STAFFING:

Total Number of Physicians..... 347  
Percent of Physicians Board  
Certified Specialists ..... 81.8 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 486  
Licensed Practical Nurses ..... 15

### SPECIALTY SERVICES:

Burn Unit ..... Yes  
Cardiac Intensive Care ..... Yes  
Comprehensive Geriatric ..... No  
Hospice Care ..... Yes  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... Yes  
Other Intensive Care ..... Yes  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... Yes  
Rehabilitation..... Yes  
Psychiatric ..... Yes  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# ALTA HOSPITAL DISTRICT

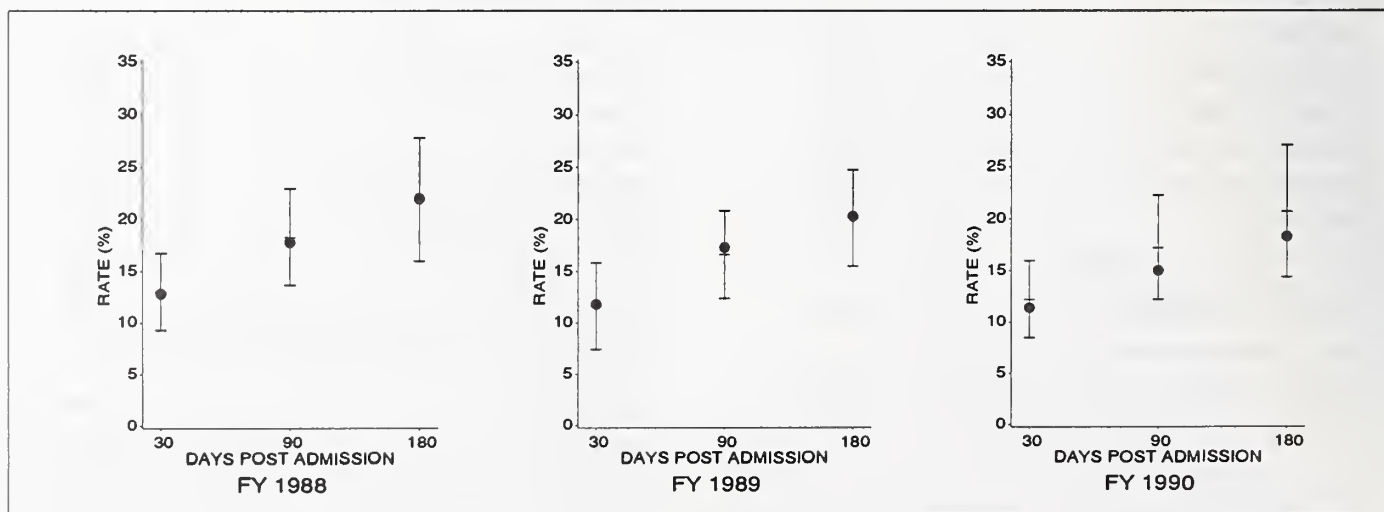
500 ADELAIDE WAY  
DINUBA, CA 93618  
Medicare Provider Number: 050051

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 333             | 11.4                | 12.2 | 1.9  | 15.0    | 17.2 | 2.5  | 18.3     | 20.7 | 3.2  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 6               | 33.3                | 31.8 | ---- | 33.3    | 34.7 | ---- | 33.3     | 37.5 | ---- |
| Congestive Heart Failure.....              | 28              | 17.9                | 14.0 | ---- | 28.6    | 20.9 | ---- | 32.1     | 26.4 | ---- |
| Pneumonia/Influenza.....                   | 35              | 14.3                | 13.7 | ---- | 25.7    | 18.5 | ---- | 31.4     | 22.1 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 13              | 15.4                | 13.8 | ---- | 15.4    | 22.7 | ---- | 15.4     | 28.1 | ---- |
| Transient Cerebral Ischemia.....           | 6               | 0.0                 | 1.7  | ---- | 0.0     | 3.9  | ---- | 0.0      | 6.4  | ---- |
| Stroke.....                                | 19              | 10.5                | 21.4 | ---- | 10.5    | 26.6 | ---- | 10.5     | 30.3 | ---- |
| Hip Fracture.....                          | 4               | 0.0                 | 5.8  | ---- | 0.0     | 9.8  | ---- | 0.0      | 12.7 | ---- |
| Sepsis.....                                | 4               | 0.0                 | 14.9 | ---- | 25.0    | 20.1 | ---- | 25.0     | 22.6 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0               |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 1               | 0.0                 | 3.2  | ---- | 0.0     | 6.6  | ---- | 0.0      | 8.9  | ---- |
| Open Reduction of Hip Fracture.....        | 2               | 0.0                 | 8.3  | ---- | 0.0     | 13.6 | ---- | 0.0      | 16.3 | ---- |
| Prostatectomy.....                         | 9               | 0.0                 | 1.2  | ---- | 0.0     | 3.1  | ---- | 0.0      | 5.5  | ---- |
| Cholecystectomy.....                       | 10              | 0.0                 | 2.1  | ---- | 10.0    | 4.0  | ---- | 10.0     | 5.4  | ---- |
| Hysterectomy.....                          | 0               |                     |      |      |         |      |      |          |      |      |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# ALTA HOSPITAL DISTRICT

Medicare Provider Number: 050051

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

## DEMOGRAPHICS:

Average age at admission..... 75.3 years  
Proportion female..... 54.1 %

## ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 36.0 %  
Transferred from skilled nursing facility..... 0.3 %  
Admitted for elective procedure..... 0.0 %  
Admitted for emergency..... 63.1 %

## COMORBIDITIES:

Cancer..... 4.5 %  
Chronic cardiovascular disease..... 49.5 %  
Chronic liver disease..... 1.5 %  
Chronic renal disease..... 1.2 %  
Chronic pulmonary disease..... 17.1 %  
Cerebrovascular degeneration..... 6.6 %  
Diabetes mellitus..... 13.2 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 74.3%  
State ..... 25.5%  
Outside State ..... 0.2%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 5.6 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 50  
Occupancy Rate ..... 32.0 %  
Ownership/Control..... District/Authority  
Medicare Discharges ..... 34.9 %  
Case Mix Index (CMI) ..... 1.1921

### STAFFING:

Total Number of Physicians..... 16  
Percent of Physicians Board  
Certified Specialists ..... 81.3 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 16  
Licensed Practical Nurses ..... 10

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... No  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation ..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

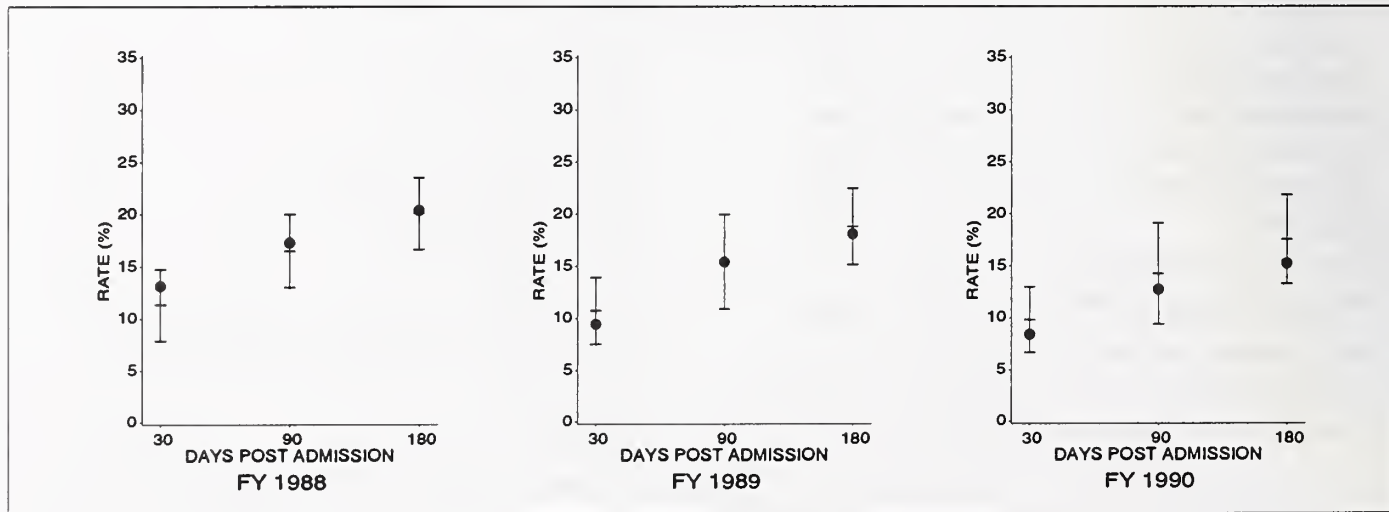
**AMADOR HOSPITAL**  
810 COURT ST BOX 1268  
JACKSON, CA 95642  
Medicare Provider Number: 050014

**FY 1990 MEDICARE HOSPITAL MORTALITY RATES**

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 597                | 8.4                 | 9.8  | 1.6   | 12.7    | 14.2 | 2.4   | 15.2     | 17.5 | 2.2   |
| <b>CONDITIONS:</b>                         |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 31                 | 32.3                | 26.7 | ----- | 35.5    | 29.5 | ----- | 38.7     | 32.1 | ----- |
| Congestive Heart Failure.....              | 31                 | 22.6                | 14.6 | ----- | 32.3    | 23.3 | ----- | 38.7     | 29.4 | ----- |
| Pneumonia/Influenza.....                   | 38                 | 2.6                 | 12.4 | ----- | 5.3     | 17.2 | ----- | 13.2     | 20.5 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 8                  | 25.0                | 10.5 | ----- | 37.5    | 17.9 | ----- | 50.0     | 23.4 | ----- |
| Transient Cerebral Ischemia.....           | 12                 | 0.0                 | 1.5  | ----- | 0.0     | 3.3  | ----- | 0.0      | 5.2  | ----- |
| Stroke.....                                | 35                 | 14.3                | 17.5 | ----- | 22.9    | 24.6 | ----- | 22.9     | 28.5 | ----- |
| Hip Fracture.....                          | 9                  | 0.0                 | 7.1  | ----- | 22.2    | 12.6 | ----- | 22.2     | 15.6 | ----- |
| Sepsis.....                                | 5                  | 20.0                | 21.1 | ----- | 20.0    | 26.8 | ----- | 20.0     | 31.3 | ----- |
| <b>PROCEDURES:</b>                         |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 6                  | 0.0                 | 2.9  | ----- | 0.0     | 6.1  | ----- | 0.0      | 9.2  | ----- |
| Carotid Endarterectomy.....                | 0                  |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 9                  | 0.0                 | 2.3  | ----- | 11.1    | 4.0  | ----- | 11.1     | 5.1  | ----- |
| Open Reduction of Hip Fracture.....        | 4                  | 0.0                 | 8.8  | ----- | 0.0     | 15.9 | ----- | 0.0      | 19.8 | ----- |
| Prostatectomy.....                         | 43                 | 4.7                 | 0.8  | ----- | 4.7     | 2.1  | ----- | 4.7      | 3.8  | ----- |
| Cholecystectomy.....                       | 3                  | 0.0                 | 1.2  | ----- | 0.0     | 1.9  | ----- | 0.0      | 2.5  | ----- |
| Hysterectomy.....                          | 3                  | 0.0                 | 0.2  | ----- | 0.0     | 0.5  | ----- | 0.0      | 1.0  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

**OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD)  
FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES**





# AMADOR HOSPITAL

Medicare Provider Number: 050014

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 75.2 years  
Proportion female..... 49.6 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 33.0 %  
Transferred from skilled nursing facility..... 1.5 %  
Admitted for elective procedure..... 19.1 %  
Admitted for emergency..... 65.3 %

### COMORBIDITIES:

Cancer..... 6.7 %  
Chronic cardiovascular disease..... 40.7 %  
Chronic liver disease..... 1.3 %  
Chronic renal disease..... 2.3 %  
Chronic pulmonary disease..... 18.1 %  
Cerebrovascular degeneration..... 4.9 %  
Diabetes mellitus..... 4.4 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 77.6%  
State ..... 20.8%  
Outside State ..... 1.6%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 4.6 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 82  
Occupancy Rate ..... 67.0 %  
Ownership/Control..... Local Government  
Medicare Discharges ..... 51.5 %  
Case Mix Index (CMI) ..... 1.1173

### STAFFING:

Total Number of Physicians..... 21  
Percent of Physicians Board  
Certified Specialists ..... 81.0 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 27  
Licensed Practical Nurses ..... 12

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# AMERICAN RIVER HOSPITAL

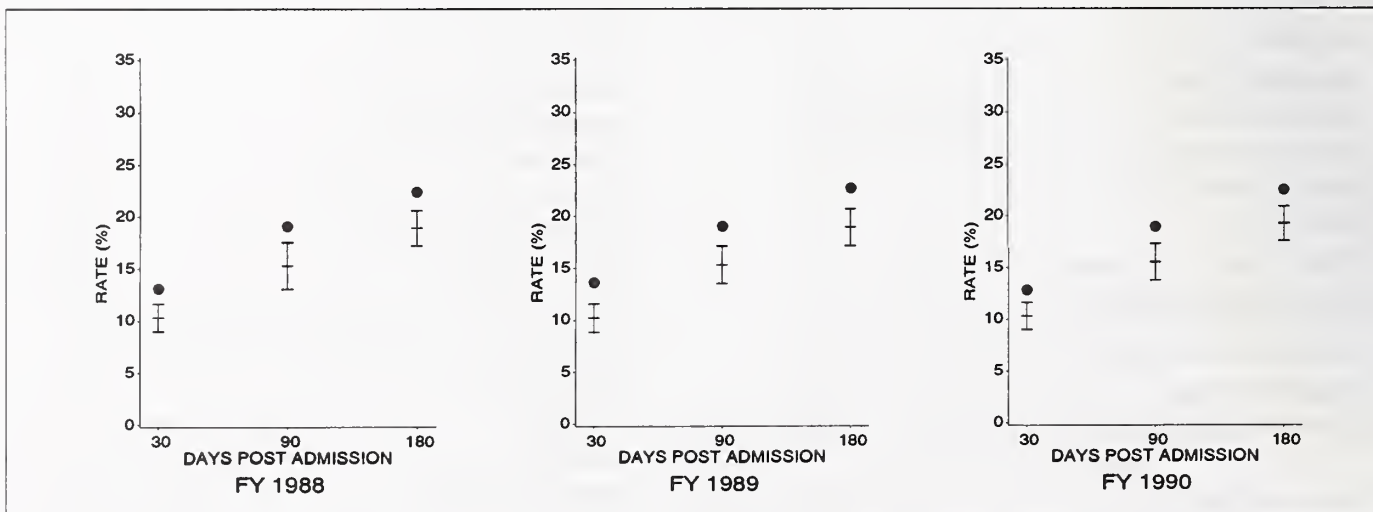
4747 ENGLE RD  
CARMICHAEL, CA 95608  
Medicare Provider Number: 050421

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 2462            | 12.8                | 10.3 | 0.7  | 18.9    | 15.5 | 0.9  | 22.5     | 19.2 | 0.8  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 57              | 28.1                | 27.0 | 6.3  | 31.6    | 29.8 | 6.4  | 33.3     | 32.5 | 6.3  |
| Congestive Heart Failure.....              | 128             | 15.6                | 14.6 | 3.5  | 28.1    | 22.9 | 6.4  | 32.8     | 28.9 | 8.0  |
| Pneumonia/Influenza.....                   | 216             | 22.7                | 15.9 | 4.0  | 29.6    | 21.9 | 4.5  | 33.8     | 25.9 | 4.7  |
| Chronic Obstructive Pulmonary Disease..... | 46              | 19.6                | 8.2  | ---- | 23.9    | 13.9 | ---- | 30.4     | 18.3 | ---- |
| Transient Cerebral Ischemia.....           | 30              | 3.3                 | 2.1  | ---- | 3.3     | 4.8  | ---- | 10.0     | 7.8  | ---- |
| Stroke.....                                | 114             | 25.4                | 20.0 | 4.2  | 37.7    | 26.9 | 5.8  | 46.5     | 30.9 | 6.8  |
| Hip Fracture.....                          | 106             | 5.7                 | 5.9  | 2.6  | 10.4    | 10.7 | 3.1  | 13.2     | 14.2 | 3.8  |
| Sepsis.....                                | 35              | 28.6                | 23.5 | ---- | 34.3    | 29.8 | ---- | 37.1     | 34.8 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 9               | 0.0                 | 2.5  | ---- | 0.0     | 5.2  | ---- | 0.0      | 7.6  | ---- |
| Carotid Endarterectomy.....                | 16              | 6.3                 | 1.5  | ---- | 6.3     | 2.7  | ---- | 6.3      | 3.9  | ---- |
| Hip Replacement/Reconstruction.....        | 40              | 7.5                 | 2.7  | ---- | 7.5     | 5.2  | ---- | 7.5      | 7.0  | ---- |
| Open Reduction of Hip Fracture.....        | 19              | 5.3                 | 5.4  | ---- | 5.3     | 10.3 | ---- | 15.8     | 13.9 | ---- |
| Prostatectomy.....                         | 100             | 0.0                 | 0.8  | 1.2  | 0.0     | 1.8  | 2.1  | 2.0      | 3.0  | 1.9  |
| Cholecystectomy.....                       | 46              | 0.0                 | 1.9  | ---- | 0.0     | 3.1  | ---- | 2.2      | 4.1  | ---- |
| Hysterectomy.....                          | 17              | 0.0                 | 0.3  | ---- | 0.0     | 0.8  | ---- | 0.0      | 1.2  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# AMERICAN RIVER HOSPITAL

Medicare Provider Number: 050421

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 75.1 years  
Proportion female..... 58.2 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 37.2 %  
Transferred from skilled nursing facility..... 4.3 %  
Admitted for elective procedure..... 15.2 %  
Admitted for emergency..... 12.5 %

### COMORBIDITIES:

Cancer..... 7.9 %  
Chronic cardiovascular disease..... 39.4 %  
Chronic liver disease..... 1.3 %  
Chronic renal disease..... 2.6 %  
Chronic pulmonary disease..... 16.6 %  
Cerebrovascular degeneration..... 7.7 %  
Diabetes mellitus..... 7.4 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 89.6%  
State ..... 8.5%  
Outside State ..... 1.9%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 7.3 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 184  
Occupancy Rate ..... 73.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 43.1 %  
Case Mix Index (CMI) ..... 1.3081

### STAFFING:

Total Number of Physicians..... 199  
Percent of Physicians Board  
Certified Specialists..... 69.3 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 219  
Licensed Practical Nurses ..... 46

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... Yes  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# AMI COMMUNITY HOSPITAL OF SANTA CRUZ

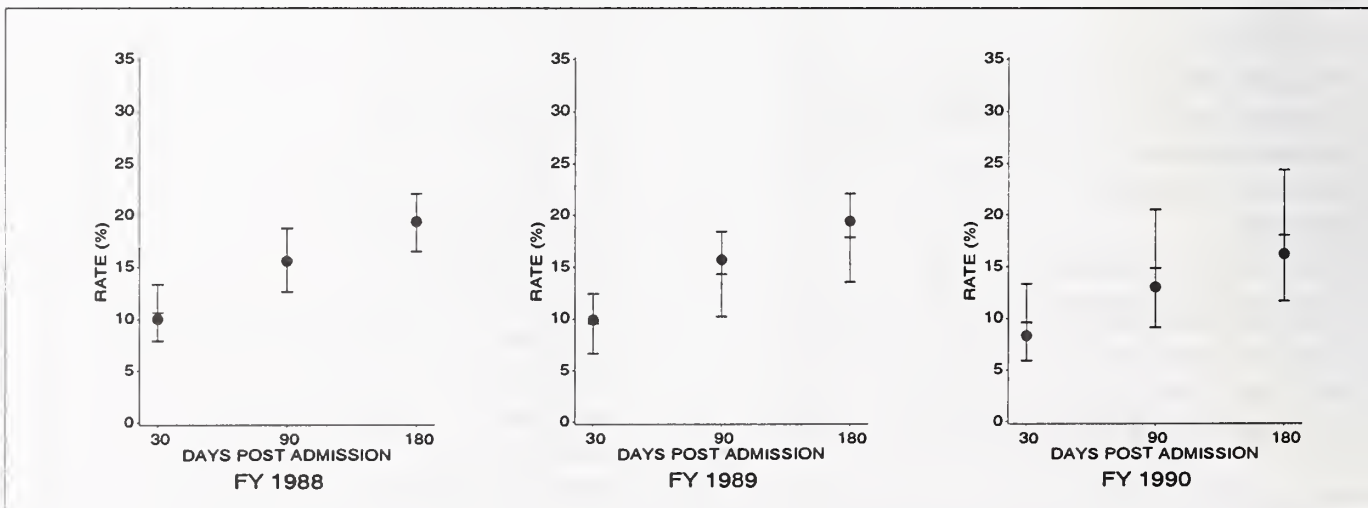
610 FREDERICK ST  
SANTA CRUZ, CA 95062  
Medicare Provider Number: 050164

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 339             | 8.3                 | 9.6  | 1.9   | 13.0    | 14.8 | 2.9   | 16.2     | 18.0 | 3.2   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 15              | 20.0                | 32.1 | ----- | 20.0    | 37.2 | ----- | 20.0     | 40.3 | ----- |
| Congestive Heart Failure.....              | 20              | 15.0                | 15.1 | ----- | 15.0    | 24.3 | ----- | 20.0     | 29.6 | ----- |
| Pneumonia/Influenza.....                   | 27              | 22.2                | 17.7 | ----- | 25.9    | 24.5 | ----- | 40.7     | 28.0 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 6               | 16.7                | 7.2  | ----- | 33.3    | 13.5 | ----- | 33.3     | 17.8 | ----- |
| Transient Cerebral Ischemia.....           | 10              | 0.0                 | 2.6  | ----- | 0.0     | 6.1  | ----- | 10.0     | 9.9  | ----- |
| Stroke.....                                | 8               | 12.5                | 15.6 | ----- | 37.5    | 23.3 | ----- | 37.5     | 26.9 | ----- |
| Hip Fracture.....                          | 15              | 6.7                 | 7.5  | ----- | 6.7     | 13.5 | ----- | 6.7      | 17.0 | ----- |
| Sepsis.....                                | 2               | 0.0                 | 14.3 | ----- | 50.0    | 21.5 | ----- | 50.0     | 24.5 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 4               | 0.0                 | 2.5  | ----- | 0.0     | 3.8  | ----- | 0.0      | 4.7  | ----- |
| Coronary Artery Bypass Graft.....          | 5               | 0.0                 | 7.2  | ----- | 0.0     | 10.0 | ----- | 0.0      | 10.9 | ----- |
| Initial Pacemaker Insertion.....           | 1               | 0.0                 | 3.0  | ----- | 0.0     | 6.7  | ----- | 0.0      | 10.2 | ----- |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 8               | 0.0                 | 4.9  | ----- | 0.0     | 9.3  | ----- | 0.0      | 12.1 | ----- |
| Open Reduction of Hip Fracture.....        | 8               | 0.0                 | 6.8  | ----- | 0.0     | 12.5 | ----- | 0.0      | 16.0 | ----- |
| Prostatectomy.....                         | 10              | 0.0                 | 1.1  | ----- | 0.0     | 2.6  | ----- | 0.0      | 4.3  | ----- |
| Cholecystectomy.....                       | 4               | 0.0                 | 1.2  | ----- | 0.0     | 2.0  | ----- | 0.0      | 2.5  | ----- |
| Hysterectomy.....                          | 2               | 0.0                 | 0.5  | ----- | 0.0     | 1.3  | ----- | 0.0      | 2.0  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# AMI COMMUNITY HOSPITAL OF SANTA CRUZ

Medicare Provider Number: 050164

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 76.9 years  
Proportion female..... 62.5 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 36.6 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 0.0 %  
Admitted for emergency..... 62.5 %

### COMORBIDITIES:

Cancer..... 5.6 %  
Chronic cardiovascular disease..... 33.0 %  
Chronic liver disease..... 0.9 %  
Chronic renal disease..... 2.4 %  
Chronic pulmonary disease..... 14.5 %  
Cerebrovascular degeneration..... 3.8 %  
Diabetes mellitus..... 5.6 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 93.8%  
State ..... 4.1%  
Outside State ..... 2.1%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 5.7 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1989

### PROFILE:

Total Beds ..... 180  
Ownership/Control..... Private, For Profit  
Case Mix Index (CMI) ..... 1.2506

### STAFFING:

Medical Residents/Interns ..... 0  
Registered Nurses..... 85  
Licensed Practical Nurses ..... 5

### SPECIALTY SERVICES:

Burn Unit ..... No  
Coronary Care Unit ..... Yes  
Hospice Care ..... No  
Intensive Care Unit ..... Yes  
Organ Transplant ..... Yes  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# AMI SIERRA VISTA REGIONAL MEDICAL CENTER

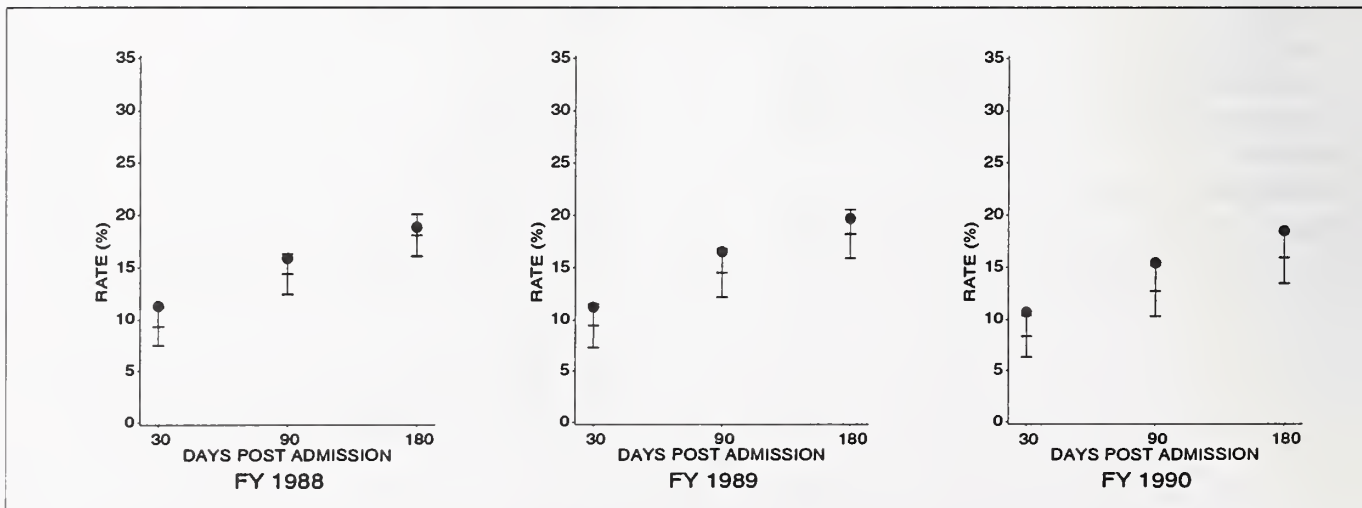
1010 MURRAY ST  
SAN LUIS OBISPO, CA 93401  
Medicare Provider Number: 050506

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1424            | 10.7                | 8.3  | 1.0   | 15.4    | 12.7 | 1.2   | 18.5     | 15.9 | 1.2   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 41              | 36.6                | 25.2 | ----- | 39.0    | 28.5 | ----- | 39.0     | 31.1 | ----- |
| Congestive Heart Failure.....              | 72              | 23.6                | 14.1 | 6.2   | 30.6    | 22.4 | 6.9   | 38.9     | 28.6 | 7.3   |
| Pneumonia/Influenza.....                   | 62              | 17.7                | 15.2 | 5.7   | 27.4    | 20.9 | 6.3   | 29.0     | 24.7 | 6.0   |
| Chronic Obstructive Pulmonary Disease..... | 5               | 0.0                 | 7.0  | ----- | 0.0     | 11.9 | ----- | 0.0      | 16.1 | ----- |
| Transient Cerebral Ischemia.....           | 29              | 6.9                 | 1.3  | ----- | 10.3    | 2.9  | ----- | 13.8     | 4.8  | ----- |
| Stroke.....                                | 73              | 30.1                | 21.3 | 5.8   | 45.2    | 27.3 | 9.2   | 50.7     | 30.9 | 9.3   |
| Hip Fracture.....                          | 48              | 6.3                 | 4.3  | ----- | 8.3     | 7.9  | ----- | 12.5     | 10.6 | ----- |
| Sepsis.....                                | 29              | 13.8                | 21.8 | ----- | 24.1    | 28.2 | ----- | 31.0     | 32.5 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 13              | 7.7                 | 5.3  | ----- | 7.7     | 8.6  | ----- | 7.7      | 11.2 | ----- |
| Carotid Endarterectomy.....                | 9               | 0.0                 | 1.0  | ----- | 0.0     | 1.9  | ----- | 0.0      | 2.8  | ----- |
| Hip Replacement/Reconstruction.....        | 71              | 2.8                 | 2.1  | 2.0   | 2.8     | 3.9  | 2.5   | 5.6      | 5.4  | 2.8   |
| Open Reduction of Hip Fracture.....        | 12              | 8.3                 | 4.2  | ----- | 16.7    | 7.4  | ----- | 25.0     | 9.9  | ----- |
| Prostatectomy.....                         | 100             | 0.0                 | 0.5  | 0.9   | 1.0     | 1.3  | 1.1   | 1.0      | 2.2  | 1.9   |
| Cholecystectomy.....                       | 36              | 0.0                 | 1.8  | ----- | 0.0     | 3.7  | ----- | 2.8      | 5.4  | ----- |
| Hysterectomy.....                          | 17              | 5.9                 | 0.4  | ----- | 5.9     | 0.9  | ----- | 5.9      | 1.6  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# AMI SIERRA VISTA REGIONAL MEDICAL CENTER

Medicare Provider Number: 050506

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 74.6 years |
| Proportion female.....        | 53.3 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 62.7 % |
| Transferred from skilled nursing facility..... | 1.5 %  |
| Admitted for elective procedure.....           | 36.4 % |
| Admitted for emergency.....                    | 18.9 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 9.8 %  |
| Chronic cardiovascular disease..... | 20.8 % |
| Chronic liver disease.....          | 0.6 %  |
| Chronic renal disease.....          | 1.2 %  |
| Chronic pulmonary disease.....      | 12.6 % |
| Cerebrovascular degeneration.....   | 1.3 %  |
| Diabetes mellitus.....              | 5.3 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 89.1%  |
| State .....         | 8.8%   |
| Outside State ..... | 2.1%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 6.6 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 178                 |
| Occupancy Rate .....       | 41.0 %              |
| Ownership/Control.....     | Private, For Profit |
| Medicare Discharges .....  | 35.9 %              |
| Case Mix Index (CMI) ..... | 1.4485              |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 164    |
| Percent of Physicians Board<br>Certified Specialists ..... | 93.3 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 188    |
| Licensed Practical Nurses .....                            | 4      |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |    |
|---------------------------|----|
| Alcohol/Drug .....        | No |
| Rehabilitation.....       | No |
| Psychiatric .....         | No |
| Medicare Swing Beds ..... | No |

\*\* Except for CMI

\* Not used in calculating mortality rates

# ARROYO GRANDE COMMUNITY HOSPITAL

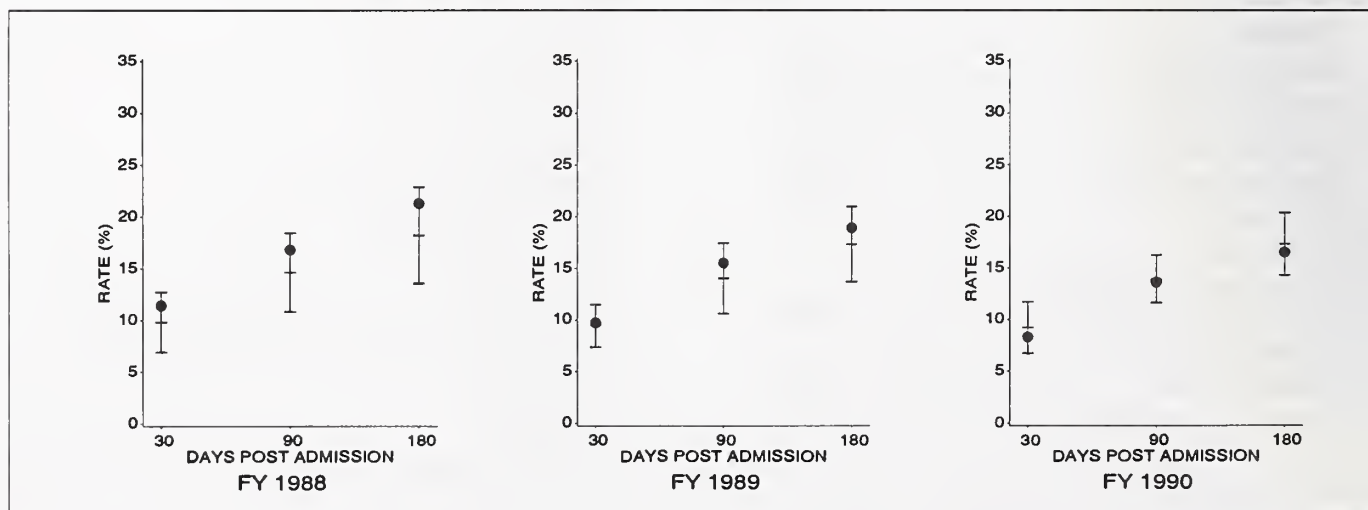
345 S HALCYON RD  
ARROYO GRANDE, CA 93420  
Medicare Provider Number: 050016

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 921             | 8.3                 | 9.2  | 1.2   | 13.6    | 13.9 | 1.2   | 16.5     | 17.3 | 1.5   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 35              | 22.9                | 21.7 | ----- | 31.4    | 24.9 | ----- | 31.4     | 27.5 | ----- |
| Congestive Heart Failure.....              | 58              | 5.2                 | 13.7 | 7.2   | 15.5    | 22.0 | 7.0   | 25.9     | 28.1 | 6.4   |
| Pneumonia/Influenza.....                   | 76              | 7.9                 | 14.1 | 5.9   | 14.5    | 19.7 | 6.1   | 15.8     | 23.4 | 6.6   |
| Chronic Obstructive Pulmonary Disease..... | 23              | 0.0                 | 6.1  | ----- | 8.7     | 11.4 | ----- | 8.7      | 15.8 | ----- |
| Transient Cerebral Ischemia.....           | 11              | 0.0                 | 1.7  | ----- | 0.0     | 4.0  | ----- | 0.0      | 6.8  | ----- |
| Stroke.....                                | 40              | 12.5                | 17.4 | ----- | 22.5    | 23.3 | ----- | 25.0     | 27.0 | ----- |
| Hip Fracture.....                          | 27              | 0.0                 | 5.6  | ----- | 7.4     | 10.1 | ----- | 11.1     | 13.5 | ----- |
| Sepsis.....                                | 10              | 40.0                | 24.7 | ----- | 40.0    | 34.0 | ----- | 50.0     | 39.0 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 10              | 0.0                 | 2.9  | ----- | 20.0    | 5.8  | ----- | 20.0     | 8.5  | ----- |
| Carotid Endarterectomy.....                | 3               | 0.0                 | 0.7  | ----- | 0.0     | 1.3  | ----- | 0.0      | 1.9  | ----- |
| Hip Replacement/Reconstruction.....        | 11              | 0.0                 | 4.0  | ----- | 0.0     | 7.4  | ----- | 9.1      | 10.3 | ----- |
| Open Reduction of Hip Fracture.....        | 9               | 0.0                 | 4.0  | ----- | 11.1    | 7.8  | ----- | 11.1     | 10.6 | ----- |
| Prostatectomy.....                         | 23              | 0.0                 | 0.7  | ----- | 0.0     | 1.7  | ----- | 4.3      | 2.9  | ----- |
| Cholecystectomy.....                       | 20              | 0.0                 | 1.6  | ----- | 5.0     | 2.8  | ----- | 5.0      | 3.8  | ----- |
| Hysterectomy.....                          | 2               | 0.0                 | 0.1  | ----- | 0.0     | 0.4  | ----- | 0.0      | 0.7  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# ARROYO GRANDE COMMUNITY HOSPITAL

Medicare Provider Number: 050016

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 75.9 years  
Proportion female..... 54.9 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 34.2 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 9.4 %  
Admitted for emergency..... 13.5 %

### COMORBIDITIES:

Cancer..... 5.9 %  
Chronic cardiovascular disease..... 32.4 %  
Chronic liver disease..... 1.0 %  
Chronic renal disease..... 2.2 %  
Chronic pulmonary disease..... 17.6 %  
Cerebrovascular degeneration..... 5.0 %  
Diabetes mellitus..... 5.4 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 90.5%  
State ..... 8.2%  
Outside State ..... 1.3%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 6.8 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 65  
Occupancy Rate ..... 55.0 %  
Ownership/Control..... Private, For Profit  
Medicare Discharges ..... 61.1 %  
Case Mix Index (CMI) ..... 1.1100

### STAFFING:

Total Number of Physicians..... 53  
Percent of Physicians Board  
Certified Specialists..... 75.5 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 61  
Licensed Practical Nurses ..... 13

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... Yes  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used In calculating mortality rates

# AUBURN FAITH COMMUNITY HOSPITAL

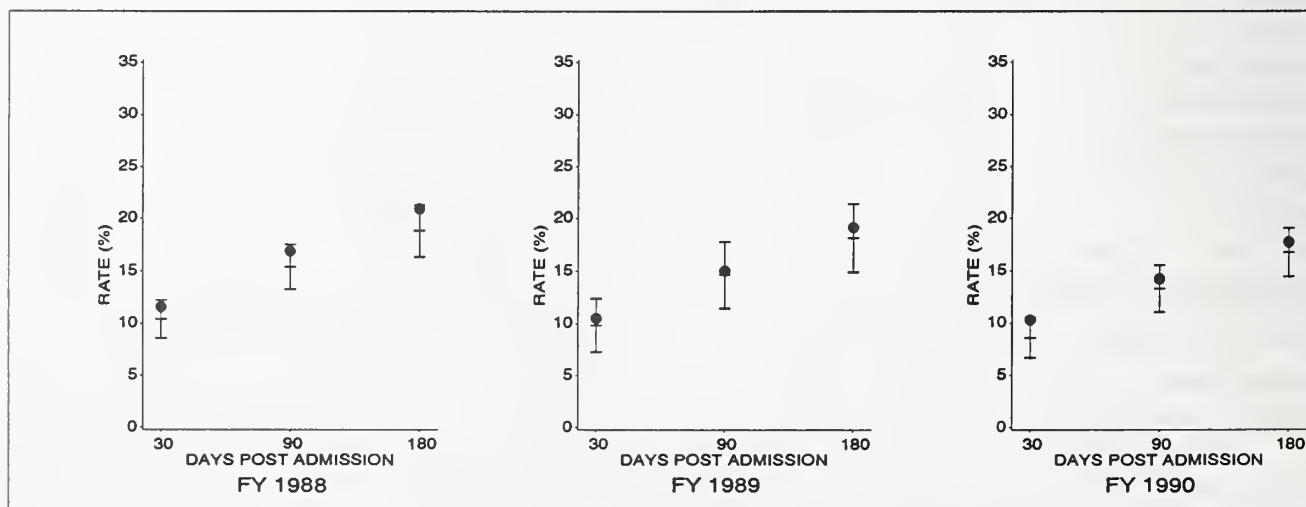
BOX 8992  
AUBURN, CA 95604  
Medicare Provider Number: 050498

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1615            | 10.3                | 8.6  | 1.0   | 14.2    | 13.3 | 1.1   | 17.7     | 16.7 | 1.2   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 48              | 35.4                | 26.3 | ----- | 39.6    | 29.1 | ----- | 45.8     | 32.0 | ----- |
| Congestive Heart Failure.....              | 82              | 25.6                | 14.6 | 7.3   | 30.5    | 23.1 | 7.0   | 37.8     | 29.2 | 7.6   |
| Pneumonia/Influenza.....                   | 92              | 19.6                | 14.1 | 6.9   | 22.8    | 19.9 | 6.3   | 26.1     | 23.8 | 5.9   |
| Chronic Obstructive Pulmonary Disease..... | 56              | 3.6                 | 7.4  | 4.1   | 3.6     | 13.3 | 6.7   | 5.4      | 17.8 | 8.7   |
| Transient Cerebral Ischemia.....           | 17              | 0.0                 | 1.1  | ----- | 0.0     | 2.4  | ----- | 0.0      | 4.0  | ----- |
| Stroke.....                                | 58              | 17.2                | 21.1 | 7.0   | 22.4    | 26.9 | 7.7   | 25.9     | 30.6 | 7.2   |
| Hip Fracture.....                          | 46              | 4.3                 | 6.2  | ----- | 4.3     | 11.4 | ----- | 13.0     | 15.2 | ----- |
| Sepsis.....                                | 10              | 30.0                | 26.7 | ----- | 30.0    | 33.9 | ----- | 40.0     | 38.1 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 9               | 0.0                 | 2.6  | ----- | 11.1    | 5.9  | ----- | 11.1     | 9.1  | ----- |
| Carotid Endarterectomy.....                | 4               | 25.0                | 2.1  | ----- | 25.0    | 3.9  | ----- | 25.0     | 5.5  | ----- |
| Hip Replacement/Reconstruction.....        | 37              | 2.7                 | 2.7  | ----- | 2.7     | 5.2  | ----- | 2.7      | 7.4  | ----- |
| Open Reduction of Hip Fracture.....        | 15              | 0.0                 | 6.0  | ----- | 0.0     | 11.1 | ----- | 6.7      | 14.9 | ----- |
| Prostatectomy.....                         | 47              | 0.0                 | 0.7  | ----- | 0.0     | 1.8  | ----- | 0.0      | 3.2  | ----- |
| Cholecystectomy.....                       | 27              | 3.7                 | 1.9  | ----- | 3.7     | 3.6  | ----- | 3.7      | 5.0  | ----- |
| Hysterectomy.....                          | 22              | 0.0                 | 0.1  | ----- | 0.0     | 0.3  | ----- | 0.0      | 0.5  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# AUBURN FAITH COMMUNITY HOSPITAL

Medicare Provider Number: 050498

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 75.2 years  
Proportion female..... 53.9 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 45.5 %  
Transferred from skilled nursing facility..... 0.7 %  
Admitted for elective procedure..... 21.7 %  
Admitted for emergency..... 39.6 %

### COMORBIDITIES:

Cancer..... 6.7 %  
Chronic cardiovascular disease..... 30.6 %  
Chronic liver disease..... 0.9 %  
Chronic renal disease..... 2.3 %  
Chronic pulmonary disease..... 13.9 %  
Cerebrovascular degeneration..... 4.4 %  
Diabetes mellitus..... 5.6 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 79.9%  
State ..... 18.2%  
Outside State ..... 1.9%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 6.5 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 100  
Occupancy Rate ..... 82.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 53.9 %  
Case Mix Index (CMI) ..... 1.1389

### STAFFING:

Total Number of Physicians..... 86  
Percent of Physicians Board  
Certified Specialists ..... 69.8 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 132  
Licensed Practical Nurses ..... 23

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... Yes  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# AVENAL DISTRICT HOSPITAL

317 ALPINE ST  
AVENAL, CA 93204  
Medicare Provider Number: 050019

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 49                 | 10.2                | 8.7  | ----- | 14.3    | 12.7 | ----- | 14.3     | 15.8 | ----- |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 2                  | 0.0                 | 31.1 | ----- | 0.0     | 33.5 | ----- | 0.0      | 37.0 | ----- |
| Congestive Heart Failure.....              | 4                  | 25.0                | 12.4 | ----- | 50.0    | 21.7 | ----- | 50.0     | 28.6 | ----- |
| Pneumonia/Influenza.....                   | 3                  | 33.3                | 11.6 | ----- | 33.3    | 15.5 | ----- | 33.3     | 18.1 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 0                  |                     |      |       |         |      |       |          |      |       |
| Transient Cerebral Ischemia.....           | 0                  |                     |      |       |         |      |       |          |      |       |
| Stroke.....                                | 2                  | 50.0                | 17.1 | ----- | 50.0    | 23.6 | ----- | 50.0     | 26.7 | ----- |
| Hip Fracture.....                          | 0                  |                     |      |       |         |      |       |          |      |       |
| Sepsis.....                                | 1                  | 100.0               | 42.2 | ----- | 100.0   | 66.4 | ----- | 100.0    | 76.5 | ----- |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0                  |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 0                  |                     |      |       |         |      |       |          |      |       |
| Open Reduction of Hip Fracture.....        | 0                  |                     |      |       |         |      |       |          |      |       |
| Prostatectomy.....                         | 0                  |                     |      |       |         |      |       |          |      |       |
| Cholecystectomy.....                       | 0                  |                     |      |       |         |      |       |          |      |       |
| Hysterectomy.....                          | 0                  |                     |      |       |         |      |       |          |      |       |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES

No Graphs are presented when the standard deviation  
was not computed for one or more of the three fiscal years,  
(1988, 1989, or 1990)



# AVENAL DISTRICT HOSPITAL

Medicare Provider Number: 050019

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 74.5 years  
Proportion female..... 55.1 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 79.6 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 0.0 %  
Admitted for emergency..... 87.8 %

### COMORBIDITIES:

Cancer..... 6.1 %  
Chronic cardiovascular disease..... 40.8 %  
Chronic liver disease..... 2.0 %  
Chronic renal disease..... 4.1 %  
Chronic pulmonary disease..... 16.3 %  
Cerebrovascular degeneration..... 0.0 %  
Diabetes mellitus..... 14.3 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 73.6%  
State ..... 25.3%  
Outside State ..... 1.1%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 3.5 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 28  
Ownership/Control..... District/Authority  
Case Mix Index (CMI) ..... 0.8835

### STAFFING:

Medical Residents/Interns ..... 0  
Registered Nurses..... 1  
Licensed Practical Nurses ..... 4

### SPECIALTY SERVICES:

Burn Unit ..... No  
Coronary Care Unit ..... No  
Hospice Care ..... No  
Intensive Care Unit ..... No  
Organ Transplant ..... No  
Trauma Center ..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# BARTON MEMORIAL HOSPITAL

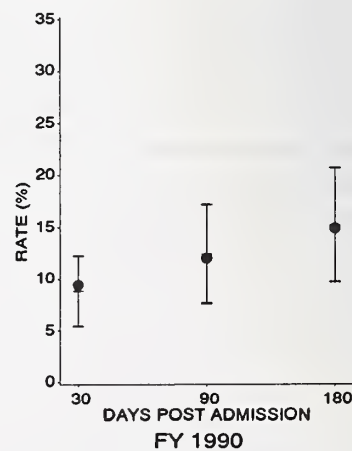
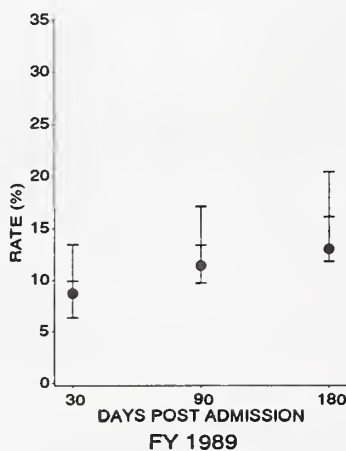
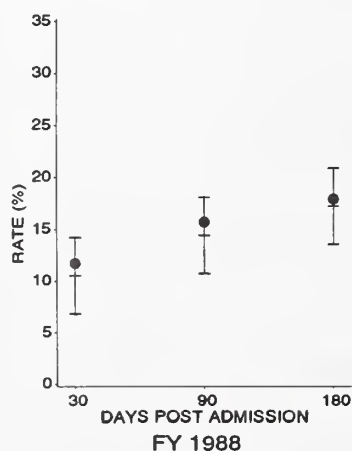
4TH & SOUTH STS  
SOUTH LAKE TAHOE, CA 95731  
Medicare Provider Number: 050352

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 491             | 9.4                 | 8.8  | 1.7   | 12.0    | 12.4 | 2.4   | 14.9     | 15.2 | 2.8   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 33              | 24.2                | 27.0 | ----- | 27.3    | 29.7 | ----- | 30.3     | 32.2 | ----- |
| Congestive Heart Failure.....              | 30              | 16.7                | 12.1 | ----- | 20.0    | 18.8 | ----- | 33.3     | 24.4 | ----- |
| Pneumonia/Influenza.....                   | 14              | 14.3                | 14.8 | ----- | 21.4    | 20.1 | ----- | 28.6     | 23.3 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 3               | 0.0                 | 8.6  | ----- | 0.0     | 12.7 | ----- | 0.0      | 17.0 | ----- |
| Transient Cerebral Ischemia.....           | 6               | 16.7                | 1.5  | ----- | 16.7    | 3.2  | ----- | 16.7     | 5.2  | ----- |
| Stroke.....                                | 15              | 13.3                | 17.4 | ----- | 13.3    | 24.1 | ----- | 13.3     | 28.0 | ----- |
| Hip Fracture.....                          | 17              | 0.0                 | 5.9  | ----- | 0.0     | 10.0 | ----- | 0.0      | 13.2 | ----- |
| Sepsis.....                                | 6               | 33.3                | 33.8 | ----- | 33.3    | 39.3 | ----- | 50.0     | 42.6 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 14              | 7.1                 | 3.2  | ----- | 7.1     | 5.3  | ----- | 7.1      | 7.3  | ----- |
| Open Reduction of Hip Fracture.....        | 8               | 0.0                 | 6.1  | ----- | 0.0     | 11.1 | ----- | 0.0      | 14.7 | ----- |
| Prostatectomy.....                         | 2               | 0.0                 | 0.5  | ----- | 0.0     | 1.2  | ----- | 0.0      | 2.3  | ----- |
| Cholecystectomy.....                       | 12              | 8.3                 | 0.9  | ----- | 8.3     | 1.6  | ----- | 8.3      | 2.0  | ----- |
| Hysterectomy.....                          | 4               | 0.0                 | 2.3  | ----- | 0.0     | 4.7  | ----- | 25.0     | 7.1  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# BARTON MEMORIAL HOSPITAL

Medicare Provider Number: 050352

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 72.4 years  
Proportion female..... 54.8 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 28.7 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 16.7 %  
Admitted for emergency..... 70.9 %

### COMORBIDITIES:

Cancer..... 5.9 %  
Chronic cardiovascular disease..... 29.5 %  
Chronic liver disease..... 1.0 %  
Chronic renal disease..... 1.2 %  
Chronic pulmonary disease..... 16.3 %  
Cerebrovascular degeneration..... 2.6 %  
Diabetes mellitus..... 5.5 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 46.7%  
State ..... 27.9%  
Outside State ..... 25.4%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 5.0 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 70  
Occupancy Rate ..... 50.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 18.2 %  
Case Mix Index (CMI) ..... 1.2453

### STAFFING:

Total Number of Physicians..... 47  
Percent of Physicians Board  
Certified Specialists ..... 95.7 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 78  
Licensed Practical Nurses ..... 8

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# BIGGS-GRIDLEY MEMORIAL HOSPITAL

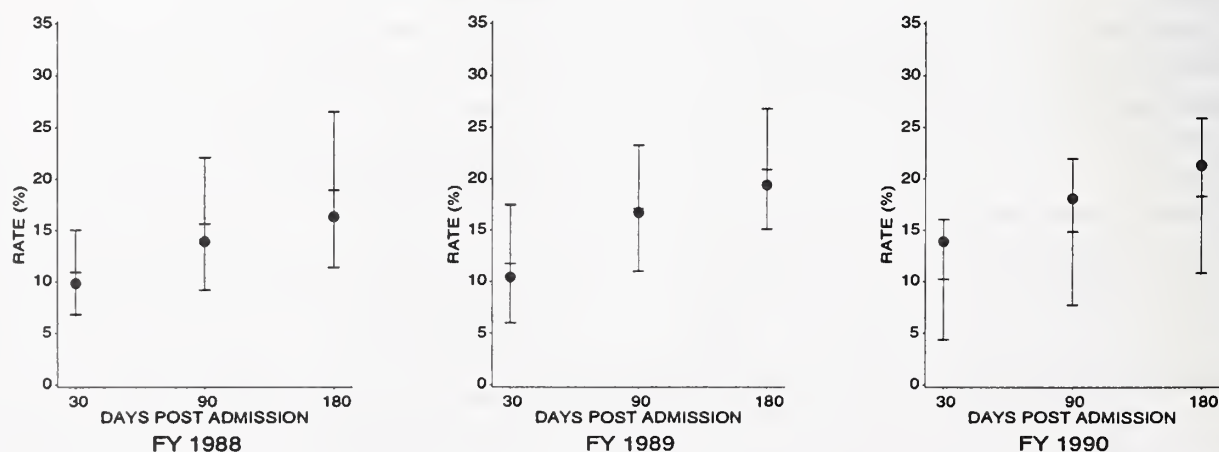
240 SPRUCE ST  
GRIDLEY, CA 95948  
Medicare Provider Number: 050404

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 287             | 13.9                | 10.2 | 2.9  | 18.1    | 14.8 | 3.6  | 21.3     | 18.3 | 3.8  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 15              | 26.7                | 27.2 | ---- | 26.7    | 30.0 | ---- | 26.7     | 33.2 | ---- |
| Congestive Heart Failure.....              | 15              | 46.7                | 12.5 | ---- | 46.7    | 19.6 | ---- | 46.7     | 25.7 | ---- |
| Pneumonia/Influenza.....                   | 34              | 14.7                | 12.8 | ---- | 26.5    | 18.1 | ---- | 32.4     | 21.9 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 4               | 25.0                | 10.2 | ---- | 25.0    | 16.7 | ---- | 25.0     | 22.2 | ---- |
| Transient Cerebral Ischemia.....           | 1               | 0.0                 | 2.6  | ---- | 0.0     | 6.9  | ---- | 0.0      | 12.7 | ---- |
| Stroke.....                                | 12              | 41.7                | 25.8 | ---- | 50.0    | 31.6 | ---- | 50.0     | 35.5 | ---- |
| Hip Fracture.....                          | 8               | 0.0                 | 5.9  | ---- | 0.0     | 10.4 | ---- | 12.5     | 14.1 | ---- |
| Sepsis.....                                | 0               |                     |      |      |         |      |      |          |      |      |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0               |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 2               | 0.0                 | 4.5  | ---- | 0.0     | 8.6  | ---- | 0.0      | 11.8 | ---- |
| Open Reduction of Hip Fracture.....        | 4               | 0.0                 | 6.6  | ---- | 0.0     | 11.7 | ---- | 25.0     | 16.2 | ---- |
| Prostatectomy.....                         | 3               | 0.0                 | 0.4  | ---- | 0.0     | 0.9  | ---- | 0.0      | 1.6  | ---- |
| Cholecystectomy.....                       | 6               | 0.0                 | 2.8  | ---- | 0.0     | 5.5  | ---- | 0.0      | 7.2  | ---- |
| Hysterectomy.....                          | 4               | 0.0                 | 0.3  | ---- | 0.0     | 0.7  | ---- | 0.0      | 1.3  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# BIGGS-GRIDLEY MEMORIAL HOSPITAL

Medicare Provider Number: 050404

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 75.6 years |
| Proportion female.....        | 60.3 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 33.4 % |
| Transferred from skilled nursing facility..... | 7.7 %  |
| Admitted for elective procedure.....           | 10.1 % |
| Admitted for emergency.....                    | 8.7 %  |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 5.9 %  |
| Chronic cardiovascular disease..... | 26.5 % |
| Chronic liver disease.....          | 1.0 %  |
| Chronic renal disease.....          | 1.7 %  |
| Chronic pulmonary disease.....      | 12.9 % |
| Cerebrovascular degeneration.....   | 1.7 %  |
| Diabetes mellitus.....              | 7.0 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 86.2%  |
| State .....         | 13.4%  |
| Outside State ..... | 0.4%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 5.1 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1991

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 55                  |
| Ownership/Control.....     | Private, Non-Profit |
| Case Mix Index (CMI) ..... | 1.0868              |

### STAFFING:

|                                 |    |
|---------------------------------|----|
| Medical Residents/Interns ..... | 0  |
| Registered Nurses.....          | 18 |
| Licensed Practical Nurses ..... | 25 |

### SPECIALTY SERVICES:

|                           |     |
|---------------------------|-----|
| Burn Unit .....           | No  |
| Coronary Care Unit .....  | Yes |
| Hospice Care .....        | Yes |
| Intensive Care Unit ..... | Yes |
| Organ Transplant .....    | No  |
| Trauma Center .....       | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |    |
|---------------------------|----|
| Alcohol/Drug .....        | No |
| Rehabilitation.....       | No |
| Psychiatric .....         | No |
| Medicare Swing Beds ..... | No |

\*\* Except for CMI

\* Not used in calculating mortality rates

# BLOSS MEMORIAL HOSPITAL

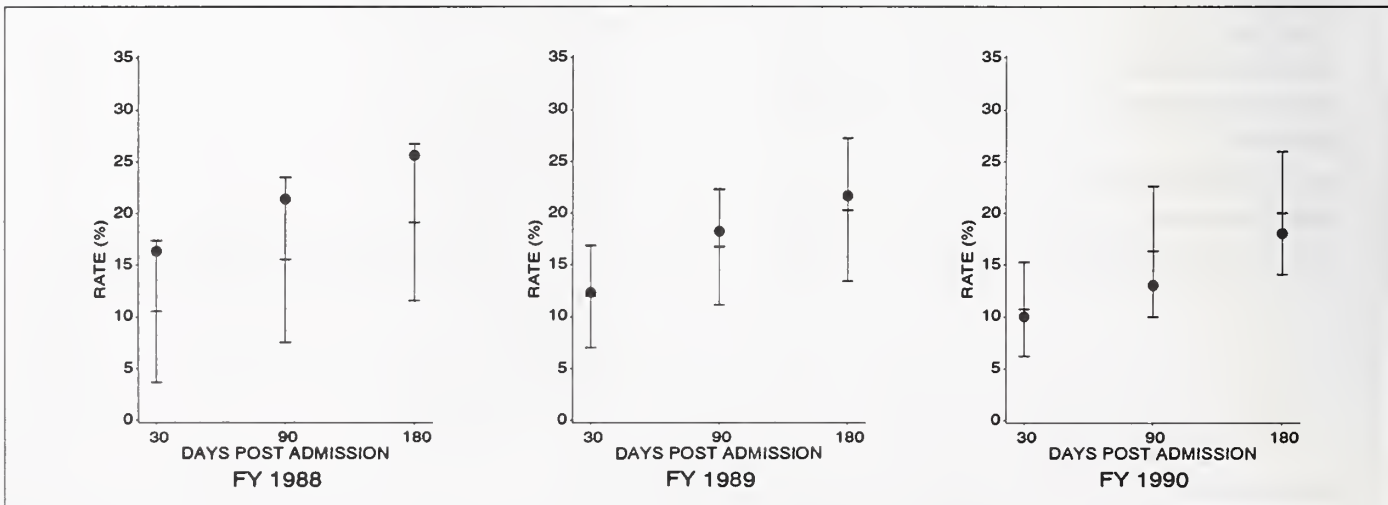
1691 3RD ST  
ATWATER, CA 95301  
Medicare Provider Number: 050436

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 200             | 10.0                | 10.7 | 2.3  | 13.0    | 16.3 | 3.2  | 18.0     | 20.0 | 3.0  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 4               | 0.0                 | 15.8 | ---- | 0.0     | 17.9 | ---- | 25.0     | 20.6 | ---- |
| Congestive Heart Failure.....              | 14              | 21.4                | 19.2 | ---- | 35.7    | 29.9 | ---- | 35.7     | 37.3 | ---- |
| Pneumonia/Influenza.....                   | 26              | 7.7                 | 15.4 | ---- | 19.2    | 21.3 | ---- | 30.8     | 25.3 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 3               | 0.0                 | 8.9  | ---- | 0.0     | 15.2 | ---- | 0.0      | 18.9 | ---- |
| Transient Cerebral Ischemia.....           | 1               | 0.0                 | 2.0  | ---- | 0.0     | 4.0  | ---- | 0.0      | 6.2  | ---- |
| Stroke.....                                | 7               | 0.0                 | 17.7 | ---- | 0.0     | 24.0 | ---- | 0.0      | 27.5 | ---- |
| Hip Fracture.....                          | 0               |                     |      |      |         |      |      |          |      |      |
| Sepsis.....                                | 3               | 33.3                | 13.9 | ---- | 33.3    | 22.2 | ---- | 33.3     | 26.1 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 1               | 0.0                 | 1.0  | ---- | 0.0     | 2.3  | ---- | 0.0      | 3.5  | ---- |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 0               |                     |      |      |         |      |      |          |      |      |
| Open Reduction of Hip Fracture.....        | 0               |                     |      |      |         |      |      |          |      |      |
| Prostatectomy.....                         | 10              | 0.0                 | 0.4  | ---- | 0.0     | 0.9  | ---- | 0.0      | 1.6  | ---- |
| Cholecystectomy.....                       | 2               | 0.0                 | 0.5  | ---- | 0.0     | 0.9  | ---- | 0.0      | 1.3  | ---- |
| Hysterectomy.....                          | 0               |                     |      |      |         |      |      |          |      |      |

\* The Standard Deviation (SD) Is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# BLOSS MEMORIAL HOSPITAL

Medicare Provider Number: 050436

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 74.8 years |
| Proportion female.....        | 54.0 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 28.5 % |
| Transferred from skilled nursing facility..... | 0.5 %  |
| Admitted for elective procedure.....           | 7.5 %  |
| Admitted for emergency.....                    | 6.5 %  |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 5.5 %  |
| Chronic cardiovascular disease..... | 33.0 % |
| Chronic liver disease.....          | 2.0 %  |
| Chronic renal disease.....          | 4.5 %  |
| Chronic pulmonary disease.....      | 21.5 % |
| Cerebrovascular degeneration.....   | 4.0 %  |
| Diabetes mellitus.....              | 7.5 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 82.6%  |
| State .....         | 15.4%  |
| Outside State ..... | 2.0%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 6.1 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                    |
|----------------------------|--------------------|
| Total Beds .....           | 23                 |
| Occupancy Rate .....       | 34.0 %             |
| Ownership/Control.....     | District/Authority |
| Medicare Discharges .....  | (Not Available)    |
| Case Mix Index (CMI) ..... | 1.0786             |

### STAFFING:

|                                                            |                 |
|------------------------------------------------------------|-----------------|
| Total Number of Physicians.....                            | (Not Available) |
| Percent of Physicians Board<br>Certified Specialists ..... | (Not Available) |
| Medical Residents/Interns .....                            | (Not Available) |
| Registered Nurses.....                                     | (Not Available) |
| Licensed Practical Nurses .....                            | (Not Available) |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | Yes |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | No  |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |    |
|---------------------------|----|
| Alcohol/Drug .....        | No |
| Rehabilitation.....       | No |
| Psychiatric .....         | No |
| Medicare Swing Beds ..... | No |

\*\* Except for CMI

\* Not used in calculating mortality rates

# BROOKSIDE HOSPITAL

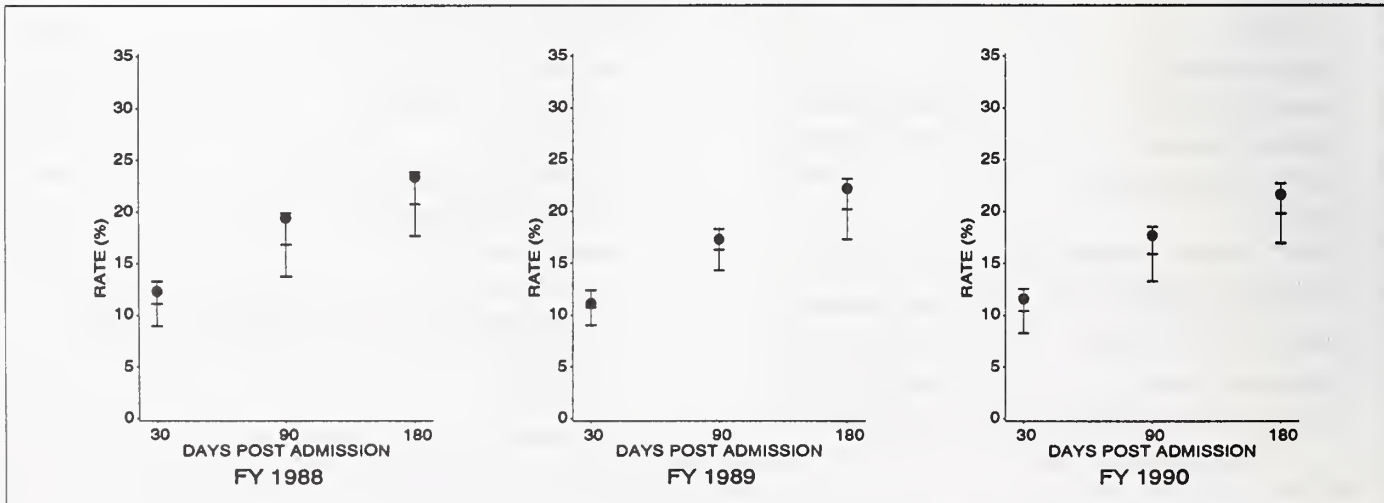
2000 VALE RD  
SAN PABLO, CA 94806  
Medicare Provider Number: 050079

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1753            | 11.6                | 10.4 | 1.1   | 17.7    | 15.9 | 1.3   | 21.6     | 19.8 | 1.4   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 41              | 19.5                | 32.5 | ----- | 24.4    | 35.7 | ----- | 24.4     | 38.4 | ----- |
| Congestive Heart Failure.....              | 133             | 13.5                | 13.7 | 3.0   | 19.5    | 21.9 | 4.3   | 22.6     | 27.9 | 6.2   |
| Pneumonia/Influenza.....                   | 83              | 22.9                | 15.7 | 7.1   | 32.5    | 21.9 | 9.8   | 37.3     | 25.6 | 10.3  |
| Chronic Obstructive Pulmonary Disease..... | 22              | 9.1                 | 7.5  | ----- | 9.1     | 13.4 | ----- | 13.6     | 17.8 | ----- |
| Transient Cerebral Ischemia.....           | 14              | 0.0                 | 2.6  | ----- | 0.0     | 5.9  | ----- | 7.1      | 9.3  | ----- |
| Stroke.....                                | 93              | 18.3                | 17.7 | 6.9   | 25.8    | 23.4 | 6.4   | 30.1     | 26.7 | 7.5   |
| Hip Fracture.....                          | 29              | 6.9                 | 5.8  | ----- | 6.9     | 10.2 | ----- | 17.2     | 13.2 | ----- |
| Sepsis.....                                | 38              | 26.3                | 24.6 | ----- | 42.1    | 33.1 | ----- | 47.4     | 38.1 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 25              | 4.0                 | 3.2  | ----- | 4.0     | 3.9  | ----- | 4.0      | 4.7  | ----- |
| Coronary Artery Bypass Graft.....          | 23              | 4.3                 | 5.3  | ----- | 4.3     | 7.7  | ----- | 4.3      | 8.7  | ----- |
| Initial Pacemaker Insertion.....           | 10              | 0.0                 | 2.7  | ----- | 0.0     | 6.2  | ----- | 10.0     | 9.4  | ----- |
| Carotid Endarterectomy.....                | 1               | 0.0                 | 0.6  | ----- | 0.0     | 1.1  | ----- | 0.0      | 1.6  | ----- |
| Hip Replacement/Reconstruction.....        | 23              | 0.0                 | 2.8  | ----- | 4.3     | 4.9  | ----- | 8.7      | 6.3  | ----- |
| Open Reduction of Hip Fracture.....        | 16              | 12.5                | 5.4  | ----- | 12.5    | 10.0 | ----- | 25.0     | 13.3 | ----- |
| Prostatectomy.....                         | 45              | 0.0                 | 1.0  | ----- | 0.0     | 2.4  | ----- | 0.0      | 4.2  | ----- |
| Cholecystectomy.....                       | 22              | 4.5                 | 4.5  | ----- | 9.1     | 7.7  | ----- | 13.6     | 9.9  | ----- |
| Hysterectomy.....                          | 11              | 0.0                 | 0.4  | ----- | 0.0     | 1.0  | ----- | 0.0      | 1.7  | ----- |

\* The Standard Deviation (SD) Is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# BROOKSIDE HOSPITAL

Medicare Provider Number: 050079

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 73.5 years

Proportion female..... 57.0 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 45.2 %

Transferred from skilled nursing facility..... 2.6 %

Admitted for elective procedure..... 12.9 %

Admitted for emergency..... 32.6 %

### COMORBIDITIES:

Cancer..... 7.7 %

Chronic cardiovascular disease..... 36.4 %

Chronic liver disease..... 1.0 %

Chronic renal disease..... 5.0 %

Chronic pulmonary disease..... 15.1 %

Cerebrovascular degeneration..... 5.5 %

Diabetes mellitus..... 13.7 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 90.1%

State..... 9.0%

Outside State..... 0.9%

Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 8.3 Days

State..... 7.1 Days

National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds..... 222

Occupancy Rate..... 67.0 %

Ownership/Control..... District/Authority

Medicare Discharges..... 44.9 %

Case Mix Index (CMI)..... 1.4245

### STAFFING:

Total Number of Physicians..... 117

Percent of Physicians Board  
Certified Specialists..... 73.5 %

Medical Residents/Interns..... 0

Registered Nurses..... 278

Licensed Practical Nurses..... 65

### SPECIALTY SERVICES:

Burn Unit..... Yes

Cardiac Intensive Care..... Yes

Comprehensive Geriatric..... No

Hospice Care..... No

Medical/Surgical Intensive Care..... Yes

Organ/Tissue Transplant..... No

Other Intensive Care..... No

Trauma Center..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... No

Rehabilitation..... No

Psychiatric..... No

Medicare Swing Beds..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# CALIFORNIA CAMPUS HOSPITAL

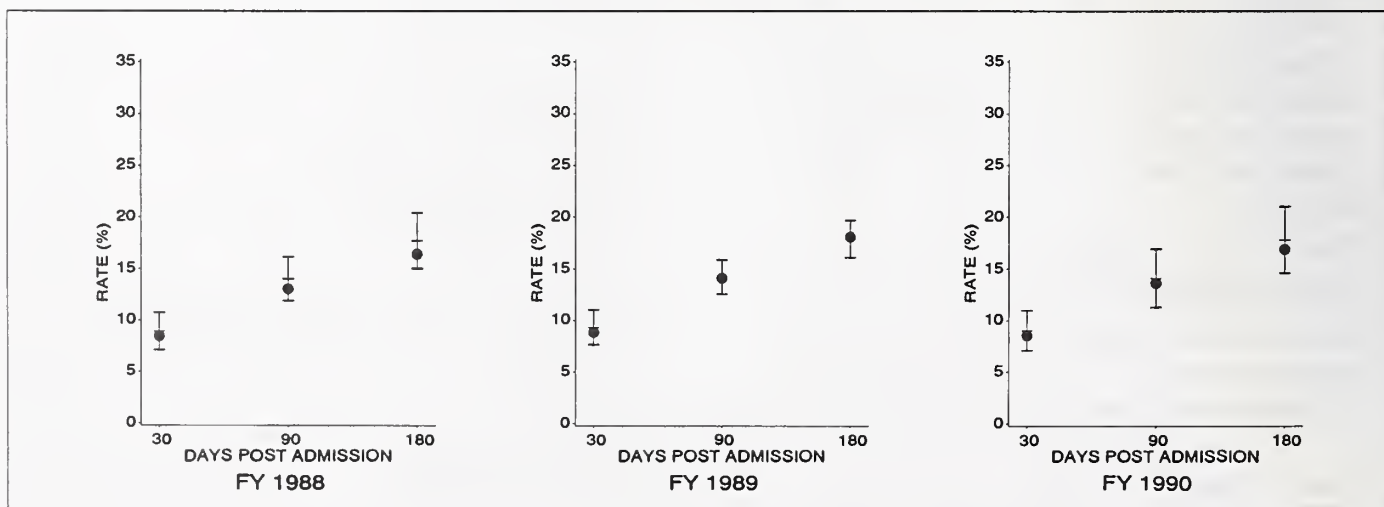
3700 CALIFORNIA ST  
SAN FRANCISCO, CA 94118  
Medicare Provider Number: 050208

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1896            | 8.5                 | 9.0  | 1.0   | 13.6    | 14.1 | 1.4   | 16.9     | 17.8 | 1.6   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 33              | 21.2                | 34.3 | ----- | 27.3    | 37.5 | ----- | 27.3     | 40.0 | ----- |
| Congestive Heart Failure.....              | 91              | 16.5                | 15.1 | 4.2   | 22.0    | 23.8 | 6.0   | 28.6     | 29.6 | 6.6   |
| Pneumonia/Influenza.....                   | 67              | 17.9                | 16.9 | 4.8   | 23.9    | 23.8 | 5.9   | 29.9     | 27.7 | 8.8   |
| Chronic Obstructive Pulmonary Disease..... | 12              | 0.0                 | 8.6  | ----- | 8.3     | 16.0 | ----- | 16.7     | 20.7 | ----- |
| Transient Cerebral Ischemia.....           | 14              | 0.0                 | 2.7  | ----- | 0.0     | 5.6  | ----- | 0.0      | 8.3  | ----- |
| Stroke.....                                | 91              | 26.4                | 22.0 | 6.0   | 34.1    | 29.0 | 6.7   | 36.3     | 32.8 | 6.0   |
| Hip Fracture.....                          | 63              | 3.2                 | 6.9  | 4.0   | 6.3     | 12.3 | 6.2   | 7.9      | 15.7 | 7.1   |
| Sepsis.....                                | 12              | 16.7                | 22.9 | ----- | 25.0    | 31.5 | ----- | 41.7     | 36.2 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 9               | 0.0                 | 6.1  | ----- | 11.1    | 12.1 | ----- | 11.1     | 16.6 | ----- |
| Carotid Endarterectomy.....                | 5               | 0.0                 | 1.0  | ----- | 0.0     | 2.0  | ----- | 0.0      | 3.2  | ----- |
| Hip Replacement/Reconstruction.....        | 89              | 1.1                 | 1.8  | 1.5   | 1.1     | 3.4  | 2.6   | 2.2      | 4.7  | 2.8   |
| Open Reduction of Hip Fracture.....        | 30              | 3.3                 | 6.4  | ----- | 6.7     | 11.8 | ----- | 6.7      | 15.4 | ----- |
| Prostatectomy.....                         | 69              | 0.0                 | 0.5  | 1.0   | 1.4     | 1.3  | 1.4   | 1.4      | 2.4  | 2.0   |
| Cholecystectomy.....                       | 24              | 0.0                 | 2.1  | ----- | 0.0     | 4.0  | ----- | 0.0      | 5.4  | ----- |
| Hysterectomy.....                          | 27              | 3.7                 | 0.8  | ----- | 3.7     | 2.0  | ----- | 3.7      | 3.3  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# CALIFORNIA CAMPUS HOSPITAL

Medicare Provider Number: 050208

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 75.6 years |
| Proportion female.....        | 62.5 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 53.6 % |
| Transferred from skilled nursing facility..... | 0.9 %  |
| Admitted for elective procedure.....           | 26.3 % |
| Admitted for emergency.....                    | 69.5 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 11.4 % |
| Chronic cardiovascular disease..... | 25.3 % |
| Chronic liver disease.....          | 0.8 %  |
| Chronic renal disease.....          | 2.4 %  |
| Chronic pulmonary disease.....      | 8.0 %  |
| Cerebrovascular degeneration.....   | 4.8 %  |
| Diabetes mellitus.....              | 3.6 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 80.8%  |
| State .....         | 17.2%  |
| Outside State ..... | 2.0%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 6.3 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 309                 |
| Occupancy Rate .....       | 74.0 %              |
| Ownership/Control.....     | Private, Non-Profit |
| Medicare Discharges .....  | 17.7 %              |
| Case Mix Index (CMI) ..... | 1.1975              |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 547    |
| Percent of Physicians Board<br>Certified Specialists ..... | 81.7 % |
| Medical Residents/Interns .....                            | 45     |
| Registered Nurses.....                                     | 312    |
| Licensed Practical Nurses .....                            | 25     |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | Yes |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | No  |
| Psychiatric .....         | No  |
| Medicare Swing Beds ..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# CENTINELA MAMMOTH HOSPITAL

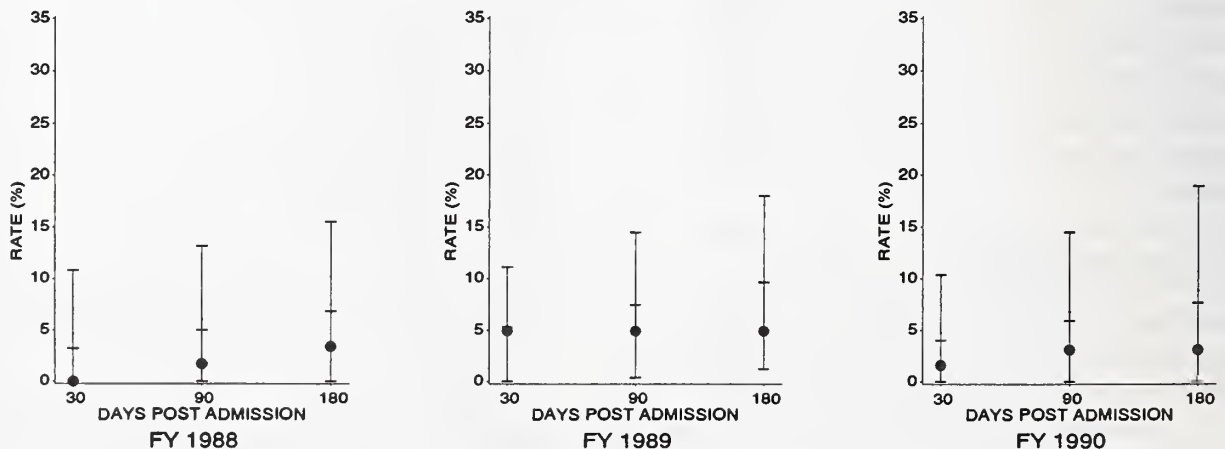
SIERRA PARK ROAD  
MAMMOTH LAKES, CA 93546  
Medicare Provider Number: 050638

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 64              | 1.6                 | 4.0  | 3.2  | 3.1     | 5.9  | 4.3  | 3.1      | 7.6  | 5.7  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 2               | 0.0                 | 9.8  | ---- | 0.0     | 11.8 | ---- | 0.0      | 14.1 | ---- |
| Congestive Heart Failure.....              | 1               | 0.0                 | 7.8  | ---- | 0.0     | 12.8 | ---- | 0.0      | 18.4 | ---- |
| Pneumonia/Influenza.....                   | 3               | 0.0                 | 10.8 | ---- | 0.0     | 15.1 | ---- | 0.0      | 16.8 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 0               |                     |      |      |         |      |      |          |      |      |
| Transient Cerebral Ischemia.....           | 0               |                     |      |      |         |      |      |          |      |      |
| Stroke.....                                | 2               | 50.0                | 11.0 | ---- | 50.0    | 15.5 | ---- | 50.0     | 19.0 | ---- |
| Hip Fracture.....                          | 3               | 0.0                 | 4.9  | ---- | 33.3    | 7.9  | ---- | 33.3     | 10.1 | ---- |
| Sepsis.....                                | 1               | 0.0                 | 20.5 | ---- | 0.0     | 24.1 | ---- | 0.0      | 27.9 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0               |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 1               | 0.0                 | 2.5  | ---- | 0.0     | 4.7  | ---- | 0.0      | 6.9  | ---- |
| Open Reduction of Hip Fracture.....        | 2               | 0.0                 | 5.4  | ---- | 50.0    | 8.8  | ---- | 50.0     | 11.0 | ---- |
| Prostatectomy.....                         | 0               |                     |      |      |         |      |      |          |      |      |
| Cholecystectomy.....                       | 0               |                     |      |      |         |      |      |          |      |      |
| Hysterectomy.....                          | 0               |                     |      |      |         |      |      |          |      |      |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# CENTINELA MAMMOTH HOSPITAL

Medicare Provider Number: 050638

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 70.0 years |
| Proportion female.....        | 45.3 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 42.2 % |
| Transferred from skilled nursing facility..... | 0.0 %  |
| Admitted for elective procedure.....           | 0.0 %  |
| Admitted for emergency.....                    | 54.7 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 0.0 %  |
| Chronic cardiovascular disease..... | 18.8 % |
| Chronic liver disease.....          | 0.0 %  |
| Chronic renal disease.....          | 0.0 %  |
| Chronic pulmonary disease.....      | 7.8 %  |
| Cerebrovascular degeneration.....   | 0.0 %  |
| Diabetes mellitus.....              | 4.7 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 16.2%  |
| State .....         | 70.3%  |
| Outside State ..... | 13.5%  |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 3.1 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 15                  |
| Occupancy Rate .....       | 33.0 %              |
| Ownership/Control.....     | Private, Non-Profit |
| Medicare Discharges .....  | (Not Available)     |
| Case Mix Index (CMI) ..... | 1.0407              |

### STAFFING:

|                                                            |                 |
|------------------------------------------------------------|-----------------|
| Total Number of Physicians.....                            | (Not Available) |
| Percent of Physicians Board<br>Certified Specialists ..... | (Not Available) |
| Medical Residents/Interns .....                            | (Not Available) |
| Registered Nurses.....                                     | (Not Available) |
| Licensed Practical Nurses .....                            | (Not Available) |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |    |
|---------------------------|----|
| Alcohol/Drug .....        | No |
| Rehabilitation.....       | No |
| Psychiatric .....         | No |
| Medicare Swing Beds ..... | No |

\*\* Except for CMI

\* Not used in calculating mortality rates

# CHICO COMMUNITY MEMORIAL HOSPITAL

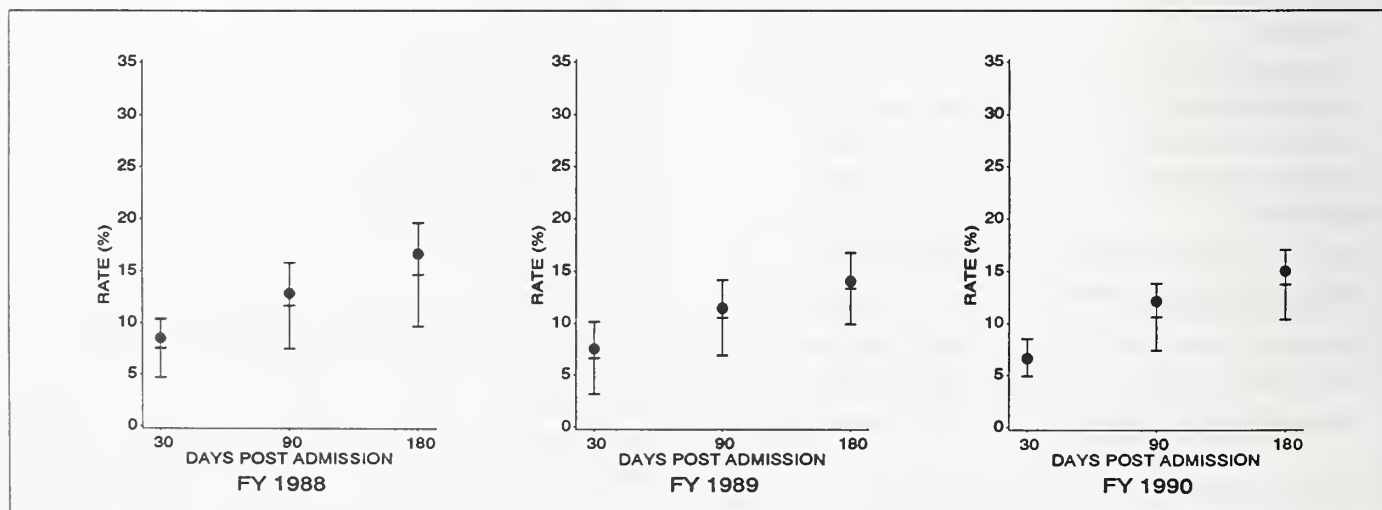
560 COHASSET RD  
CHICO, CA 95926  
Medicare Provider Number: 050307

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 846             | 6.6                 | 6.7  | 0.9  | 12.1    | 10.6 | 1.6  | 15.0     | 13.7 | 1.7  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 12              | 33.3                | 24.2 | ---- | 33.3    | 27.3 | ---- | 41.7     | 29.8 | ---- |
| Congestive Heart Failure.....              | 33              | 18.2                | 13.7 | ---- | 27.3    | 21.5 | ---- | 33.3     | 27.7 | ---- |
| Pneumonia/Influenza.....                   | 37              | 2.7                 | 14.7 | ---- | 16.2    | 21.1 | ---- | 21.6     | 25.4 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 8               | 0.0                 | 4.7  | ---- | 0.0     | 8.7  | ---- | 0.0      | 12.2 | ---- |
| Transient Cerebral Ischemia.....           | 7               | 0.0                 | 1.0  | ---- | 0.0     | 2.3  | ---- | 0.0      | 3.9  | ---- |
| Stroke.....                                | 27              | 11.1                | 14.9 | ---- | 22.2    | 20.8 | ---- | 25.9     | 24.5 | ---- |
| Hip Fracture.....                          | 31              | 6.5                 | 5.1  | ---- | 12.9    | 9.9  | ---- | 19.4     | 13.7 | ---- |
| Sepsis.....                                | 3               | 66.7                | 23.8 | ---- | 66.7    | 32.1 | ---- | 66.7     | 37.5 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 1               | 0.0                 | 0.5  | ---- | 0.0     | 1.3  | ---- | 0.0      | 2.3  | ---- |
| Carotid Endarterectomy.....                | 2               | 0.0                 | 1.0  | ---- | 0.0     | 2.0  | ---- | 0.0      | 3.2  | ---- |
| Hip Replacement/Reconstruction.....        | 39              | 2.6                 | 1.7  | ---- | 2.6     | 3.6  | ---- | 5.1      | 5.2  | ---- |
| Open Reduction of Hip Fracture.....        | 15              | 6.7                 | 5.2  | ---- | 13.3    | 10.2 | ---- | 13.3     | 14.0 | ---- |
| Prostatectomy.....                         | 52              | 0.0                 | 0.8  | 1.4  | 0.0     | 1.9  | 2.4  | 0.0      | 3.3  | 3.5  |
| Cholecystectomy.....                       | 17              | 11.8                | 2.6  | ---- | 11.8    | 5.0  | ---- | 11.8     | 6.8  | ---- |
| Hysterectomy.....                          | 9               | 0.0                 | 0.2  | ---- | 0.0     | 0.6  | ---- | 0.0      | 1.0  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# CHICO COMMUNITY MEMORIAL HOSPITAL

Medicare Provider Number: 050307

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 73.6 years  
Proportion female..... 52.7 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 53.3 %  
Transferred from skilled nursing facility..... 5.0 %  
Admitted for elective procedure..... 52.6 %  
Admitted for emergency..... 5.1 %

### COMORBIDITIES:

Cancer..... 5.3 %  
Chronic cardiovascular disease..... 16.7 %  
Chronic liver disease..... 0.7 %  
Chronic renal disease..... 3.9 %  
Chronic pulmonary disease..... 16.0 %  
Cerebrovascular degeneration..... 4.3 %  
Diabetes mellitus..... 5.3 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 63.7%  
State ..... 34.8%  
Outside State ..... 1.5%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 6.5 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 129  
Occupancy Rate ..... 47.0 %  
Ownership/Control..... Private, For Profit  
Medicare Discharges ..... 51.8 %  
Case Mix Index (CMI) ..... 1.4742

### STAFFING:

Total Number of Physicians..... 177  
Percent of Physicians Board  
Certified Specialists ..... 73.4 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 94  
Licensed Practical Nurses ..... 36

### SPECIALTY SERVICES:

Burn Unit ..... Yes  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation ..... Yes  
Psychiatric ..... Yes  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

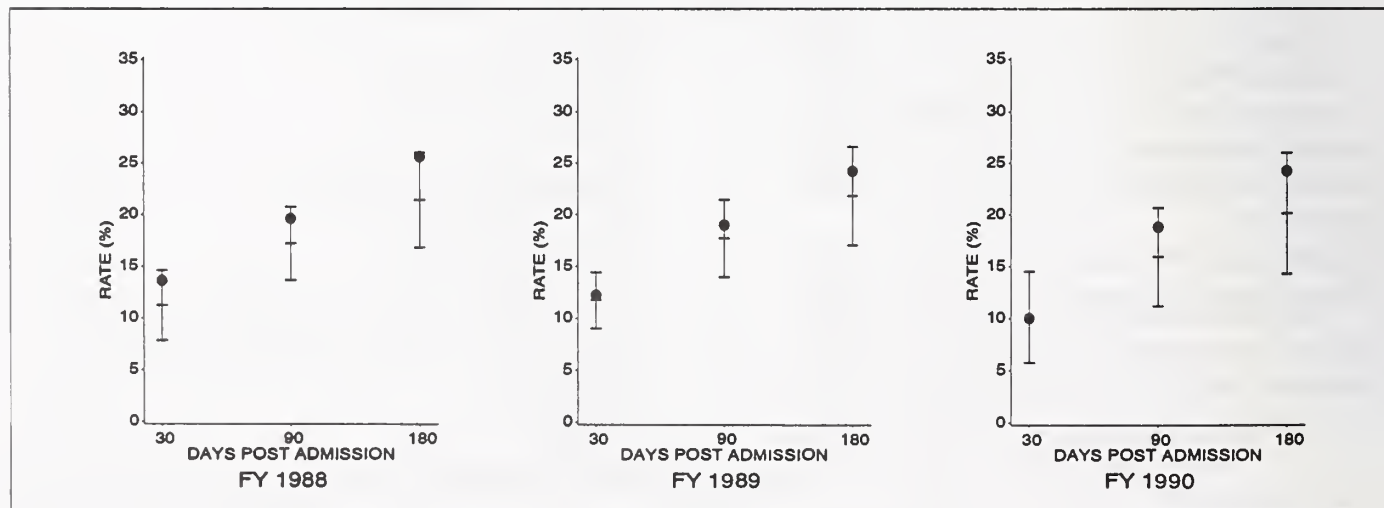
**CHINESE HOSPITAL**  
845 JACKSON ST  
SAN FRANCISCO, CA 94133  
Medicare Provider Number: 050407

**FY 1990 MEDICARE HOSPITAL MORTALITY RATES**

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 451             | 10.0                | 10.1 | 2.2  | 18.8    | 15.9 | 2.4  | 24.2     | 20.1 | 2.9  |
| <b>CONDITIONS:</b>                         |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 12              | 25.0                | 25.9 | ---- | 25.0    | 29.4 | ---- | 25.0     | 32.5 | ---- |
| Congestive Heart Failure.....              | 35              | 14.3                | 13.4 | ---- | 25.7    | 21.9 | ---- | 37.1     | 28.1 | ---- |
| Pneumonia/Influenza.....                   | 28              | 10.7                | 15.3 | ---- | 17.9    | 22.1 | ---- | 32.1     | 26.8 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 7               | 0.0                 | 6.1  | ---- | 0.0     | 11.3 | ---- | 14.3     | 15.9 | ---- |
| Transient Cerebral Ischemia.....           | 0               |                     |      |      |         |      |      |          |      |      |
| Stroke.....                                | 23              | 4.3                 | 14.1 | ---- | 8.7     | 19.9 | ---- | 13.0     | 24.0 | ---- |
| Hip Fracture.....                          | 20              | 20.0                | 3.7  | ---- | 25.0    | 7.1  | ---- | 25.0     | 10.0 | ---- |
| Sepsis.....                                | 6               | 16.7                | 22.1 | ---- | 16.7    | 29.5 | ---- | 16.7     | 34.0 | ---- |
| <b>PROCEDURES:</b>                         |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 2               | 0.0                 | 1.4  | ---- | 0.0     | 3.4  | ---- | 0.0      | 5.3  | ---- |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 11              | 18.2                | 3.7  | ---- | 18.2    | 7.3  | ---- | 18.2     | 10.3 | ---- |
| Open Reduction of Hip Fracture.....        | 7               | 28.6                | 3.4  | ---- | 42.9    | 6.9  | ---- | 42.9     | 9.7  | ---- |
| Prostatectomy.....                         | 35              | 0.0                 | 0.4  | ---- | 0.0     | 1.1  | ---- | 5.7      | 1.9  | ---- |
| Cholecystectomy.....                       | 3               | 0.0                 | 0.5  | ---- | 0.0     | 0.9  | ---- | 0.0      | 1.2  | ---- |
| Hysterectomy.....                          | 3               | 0.0                 | 0.2  | ---- | 0.0     | 0.5  | ---- | 0.0      | 0.8  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

**OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD)  
FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES**





# CHINESE HOSPITAL

Medicare Provider Number: 050407

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 78.6 years  
Proportion female..... 51.2 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 100.0 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 40.4 %  
Admitted for emergency..... 10.0 %

### COMORBIDITIES:

Cancer..... 9.8 %  
Chronic cardiovascular disease..... 22.2 %  
Chronic liver disease..... 0.9 %  
Chronic renal disease..... 3.5 %  
Chronic pulmonary disease..... 10.6 %  
Cerebrovascular degeneration..... 4.0 %  
Diabetes mellitus..... 3.3 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 90.7%  
State..... 8.8%  
Outside State..... 0.5%  
Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 8.6 Days  
State..... 7.1 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds..... 59  
Occupancy Rate..... 64.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges..... 27.9 %  
Case Mix Index (CMI)..... 1.1527

### STAFFING:

Total Number of Physicians..... (Not Available)  
Percent of Physicians Board  
Certified Specialists..... (Not Available)  
Medical Residents/Interns..... (Not Available)  
Registered Nurses..... (Not Available)  
Licensed Practical Nurses..... (Not Available)

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Trauma Center..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... No  
Rehabilitation..... No  
Psychiatric..... No  
Medicare Swing Beds..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# CHOWCHILLA DISTRICT MEMORIAL HOSPITAL

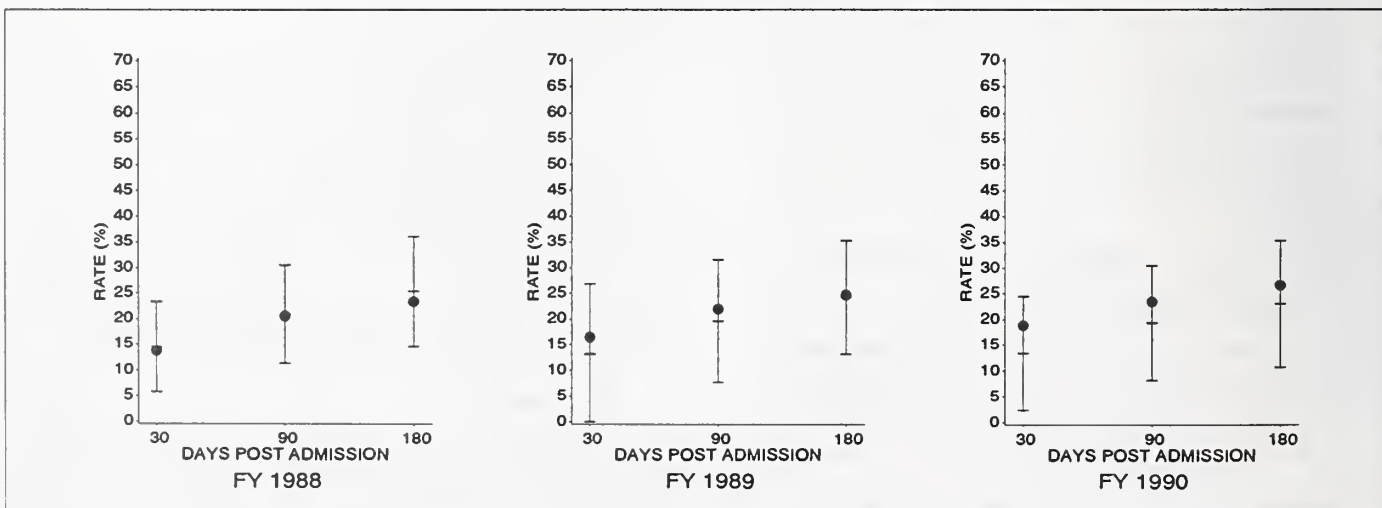
1104 VENTURA AVENUE  
CHOWCHILLA, CA 93610  
Medicare Provider Number: 050377

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 64                 | 18.8                | 13.4 | 5.5   | 23.4    | 19.3 | 5.6   | 26.6     | 23.0 | 6.2   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 1                  | 100.0               | 50.5 | ----- | 100.0   | 61.6 | ----- | 100.0    | 65.1 | ----- |
| Congestive Heart Failure.....              | 1                  | 0.0                 | 6.2  | ----- | 0.0     | 10.6 | ----- | 0.0      | 15.1 | ----- |
| Pneumonia/Influenza.....                   | 13                 | 30.8                | 16.6 | ----- | 30.8    | 22.5 | ----- | 38.5     | 26.1 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 6                  | 0.0                 | 9.6  | ----- | 0.0     | 15.6 | ----- | 0.0      | 19.1 | ----- |
| Transient Cerebral Ischemia.....           | 1                  | 0.0                 | 1.8  | ----- | 0.0     | 4.4  | ----- | 0.0      | 7.2  | ----- |
| Stroke.....                                | 1                  | 0.0                 | 18.1 | ----- | 0.0     | 24.2 | ----- | 0.0      | 28.1 | ----- |
| Hip Fracture.....                          | 0                  |                     |      |       |         |      |       |          |      |       |
| Sepsis.....                                | 4                  | 0.0                 | 24.4 | ----- | 25.0    | 31.6 | ----- | 25.0     | 36.2 | ----- |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0                  |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 0                  |                     |      |       |         |      |       |          |      |       |
| Open Reduction of Hip Fracture.....        | 0                  |                     |      |       |         |      |       |          |      |       |
| Prostatectomy.....                         | 0                  |                     |      |       |         |      |       |          |      |       |
| Cholecystectomy.....                       | 0                  |                     |      |       |         |      |       |          |      |       |
| Hysterectomy.....                          | 0                  |                     |      |       |         |      |       |          |      |       |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# CHOWCHILLA DISTRICT MEMORIAL HOSPITAL

Medicare Provider Number: 050377

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 75.7 years |
| Proportion female.....        | 56.3 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 23.4 % |
| Transferred from skilled nursing facility..... | 4.7 %  |
| Admitted for elective procedure.....           | 0.0 %  |
| Admitted for emergency.....                    | 59.4 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 1.6 %  |
| Chronic cardiovascular disease..... | 39.1 % |
| Chronic liver disease.....          | 1.6 %  |
| Chronic renal disease.....          | 6.3 %  |
| Chronic pulmonary disease.....      | 21.9 % |
| Cerebrovascular degeneration.....   | 12.5 % |
| Diabetes mellitus.....              | 6.3 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                    |        |
|--------------------|--------|
| County/City.....   | 87.6%  |
| State.....         | 12.4%  |
| Outside State..... | 0.0%   |
| Total.....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|               |          |
|---------------|----------|
| Hospital..... | 5.1 Days |
| State.....    | 7.1 Days |
| National..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                           |                    |
|---------------------------|--------------------|
| Total Beds.....           | 23                 |
| Occupancy Rate.....       | 56.0 %             |
| Ownership/Control.....    | District/Authority |
| Medicare Discharges.....  | 23.2 %             |
| Case Mix Index (CMI)..... | 1.0600             |

### STAFFING:

|                                                           |                 |
|-----------------------------------------------------------|-----------------|
| Total Number of Physicians.....                           | (Not Available) |
| Percent of Physicians Board<br>Certified Specialists..... | (Not Available) |
| Medical Residents/Interns.....                            | (Not Available) |
| Registered Nurses.....                                    | (Not Available) |
| Licensed Practical Nurses.....                            | (Not Available) |

### SPECIALTY SERVICES:

|                                      |    |
|--------------------------------------|----|
| Burn Unit.....                       | No |
| Cardiac Intensive Care.....          | No |
| Comprehensive Geriatric.....         | No |
| Hospice Care.....                    | No |
| Medical/Surgical Intensive Care..... | No |
| Organ/Tissue Transplant.....         | No |
| Other Intensive Care.....            | No |
| Trauma Center.....                   | No |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                          |    |
|--------------------------|----|
| Alcohol/Drug.....        | No |
| Rehabilitation.....      | No |
| Psychiatric.....         | No |
| Medicare Swing Beds..... | No |

\*\* Except for CMI

\* Not used in calculating mortality rates

# CLOVIS COMMUNITY HOSPITAL

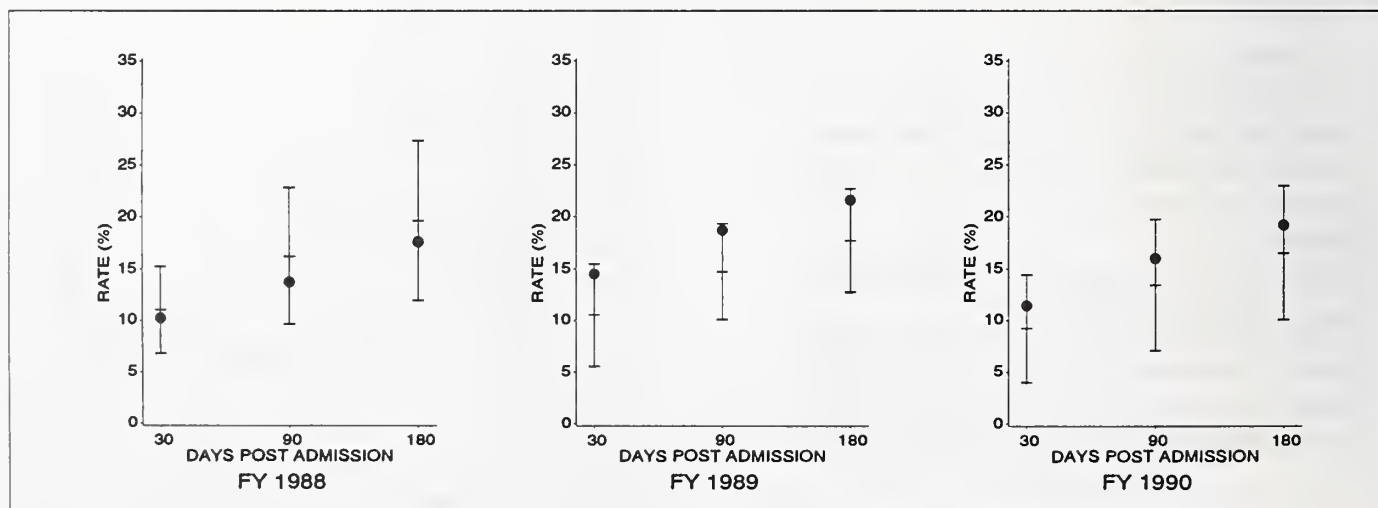
2755 HERNDON AVE  
CLOVIS, CA 93612  
Medicare Provider Number: 050492

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 438             | 11.4                | 9.2  | 2.6   | 16.0    | 13.4 | 3.2   | 19.2     | 16.5 | 3.2   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 13              | 38.5                | 25.6 | ----- | 46.2    | 27.7 | ----- | 46.2     | 30.1 | ----- |
| Congestive Heart Failure.....              | 32              | 9.4                 | 12.6 | ----- | 25.0    | 20.1 | ----- | 31.3     | 26.0 | ----- |
| Pneumonia/Influenza.....                   | 32              | 25.0                | 13.3 | ----- | 25.0    | 18.3 | ----- | 25.0     | 21.6 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 5               | 20.0                | 5.6  | ----- | 20.0    | 9.8  | ----- | 20.0     | 13.7 | ----- |
| Transient Cerebral Ischemia.....           | 4               | 0.0                 | 1.6  | ----- | 0.0     | 3.6  | ----- | 0.0      | 6.1  | ----- |
| Stroke.....                                | 20              | 20.0                | 19.7 | ----- | 20.0    | 25.8 | ----- | 25.0     | 29.5 | ----- |
| Hip Fracture.....                          | 26              | 11.5                | 5.1  | ----- | 19.2    | 8.9  | ----- | 23.1     | 11.6 | ----- |
| Sepsis.....                                | 6               | 16.7                | 20.6 | ----- | 16.7    | 25.6 | ----- | 16.7     | 29.2 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 2               | 0.0                 | 2.5  | ----- | 0.0     | 5.6  | ----- | 0.0      | 8.4  | ----- |
| Carotid Endarterectomy.....                | 1               | 0.0                 | 2.4  | ----- | 0.0     | 4.0  | ----- | 0.0      | 5.6  | ----- |
| Hip Replacement/Reconstruction.....        | 8               | 12.5                | 4.0  | ----- | 25.0    | 7.4  | ----- | 37.5     | 9.8  | ----- |
| Open Reduction of Hip Fracture.....        | 16              | 6.3                 | 4.8  | ----- | 12.5    | 8.6  | ----- | 12.5     | 11.4 | ----- |
| Prostatectomy.....                         | 6               | 0.0                 | 0.5  | ----- | 0.0     | 1.2  | ----- | 0.0      | 2.2  | ----- |
| Cholecystectomy.....                       | 11              | 0.0                 | 1.6  | ----- | 0.0     | 2.8  | ----- | 0.0      | 3.5  | ----- |
| Hysterectomy.....                          | 4               | 0.0                 | 0.1  | ----- | 0.0     | 0.2  | ----- | 0.0      | 0.3  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# CLOVIS COMMUNITY HOSPITAL

Medicare Provider Number: 050492

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 74.8 years  
Proportion female..... 57.8 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 40.0 %  
Transferred from skilled nursing facility..... 0.7 %  
Admitted for elective procedure..... 6.8 %  
Admitted for emergency..... 40.2 %

### COMORBIDITIES:

Cancer..... 5.0 %  
Chronic cardiovascular disease..... 34.9 %  
Chronic liver disease..... 1.6 %  
Chronic renal disease..... 1.8 %  
Chronic pulmonary disease..... 19.6 %  
Cerebrovascular degeneration..... 2.3 %  
Diabetes mellitus..... 7.1 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 84.9 %  
State..... 12.9 %  
Outside State..... 2.2 %  
Total..... 100.0 %

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 5.0 Days  
State..... 7.1 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds..... 144  
Occupancy Rate..... 27.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges..... 21.1 %  
Case Mix Index (CMI)..... 1.2597

### STAFFING:

Total Number of Physicians..... 146  
Percent of Physicians Board  
Certified Specialists..... 83.6 %  
Medical Residents/Interns..... 0  
Registered Nurses..... 66  
Licensed Practical Nurses..... 4

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Trauma Center..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... Yes  
Rehabilitation..... No  
Psychiatric..... Yes  
Medicare Swing Beds..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# COALINGA DISTRICT HOSPITAL

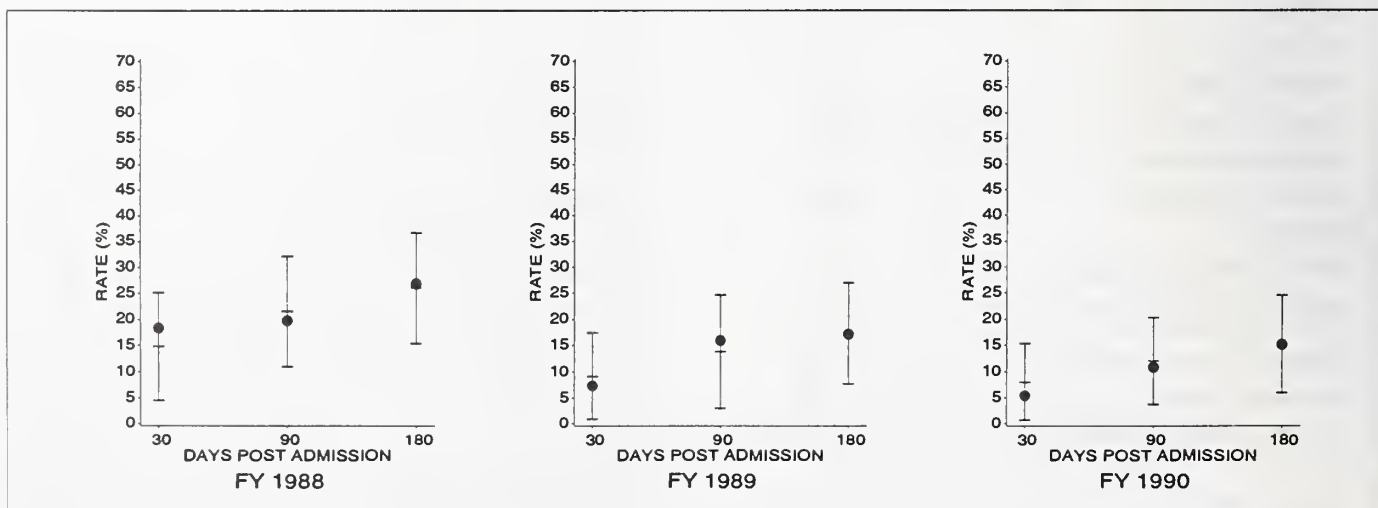
WASHINGTON + SUNSET STS  
COALINGA, CA 93210  
Medicare Provider Number: 050397

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 93              | 5.4                 | 8.0  | 3.7   | 10.8    | 12.0 | 4.1   | 15.1     | 15.2 | 4.6   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 2               | 0.0                 | 34.7 | ----- | 0.0     | 37.4 | ----- | 0.0      | 41.0 | ----- |
| Congestive Heart Failure.....              | 8               | 0.0                 | 13.1 | ----- | 0.0     | 20.4 | ----- | 0.0      | 25.9 | ----- |
| Pneumonia/Influenza.....                   | 8               | 0.0                 | 9.7  | ----- | 12.5    | 13.3 | ----- | 12.5     | 16.2 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 4               | 0.0                 | 7.8  | ----- | 25.0    | 14.2 | ----- | 50.0     | 19.1 | ----- |
| Transient Cerebral Ischemia.....           | 5               | 0.0                 | 1.3  | ----- | 0.0     | 3.1  | ----- | 0.0      | 5.2  | ----- |
| Stroke.....                                | 4               | 0.0                 | 16.4 | ----- | 0.0     | 22.2 | ----- | 0.0      | 26.4 | ----- |
| Hip Fracture.....                          | 0               |                     |      |       |         |      |       |          |      |       |
| Sepsis.....                                | 2               | 50.0                | 44.3 | ----- | 50.0    | 51.5 | ----- | 50.0     | 56.0 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 0               |                     |      |       |         |      |       |          |      |       |
| Open Reduction of Hip Fracture.....        | 0               |                     |      |       |         |      |       |          |      |       |
| Prostatectomy.....                         | 0               |                     |      |       |         |      |       |          |      |       |
| Cholecystectomy.....                       | 1               | 0.0                 | 0.6  | ----- | 0.0     | 1.2  | ----- | 0.0      | 1.7  | ----- |
| Hysterectomy.....                          | 0               |                     |      |       |         |      |       |          |      |       |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# COALINGA DISTRICT HOSPITAL

Medicare Provider Number: 050397

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 77.2 years  
Proportion female..... 64.5 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 33.3 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 0.0 %  
Admitted for emergency..... 59.1 %

### COMORBIDITIES:

Cancer..... 4.3 %  
Chronic cardiovascular disease..... 18.3 %  
Chronic liver disease..... 0.0 %  
Chronic renal disease..... 1.1 %  
Chronic pulmonary disease..... 9.7 %  
Cerebrovascular degeneration..... 4.3 %  
Diabetes mellitus..... 4.3 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 87.4%  
State ..... 11.9%  
Outside State ..... 0.7%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 3.8 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 26  
Ownership/Control..... District/Authority  
Case Mix Index (CMI) ..... 0.8823

### STAFFING:

Medical Residents/Interns ..... 1  
Registered Nurses..... 12  
Licensed Practical Nurses ..... 4

### SPECIALTY SERVICES:

Burn Unit ..... No  
Coronary Care Unit ..... No  
Hospice Care ..... No  
Intensive Care Unit ..... No  
Organ Transplant ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... Yes  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# COLUSA COMMUNITY HOSPITAL

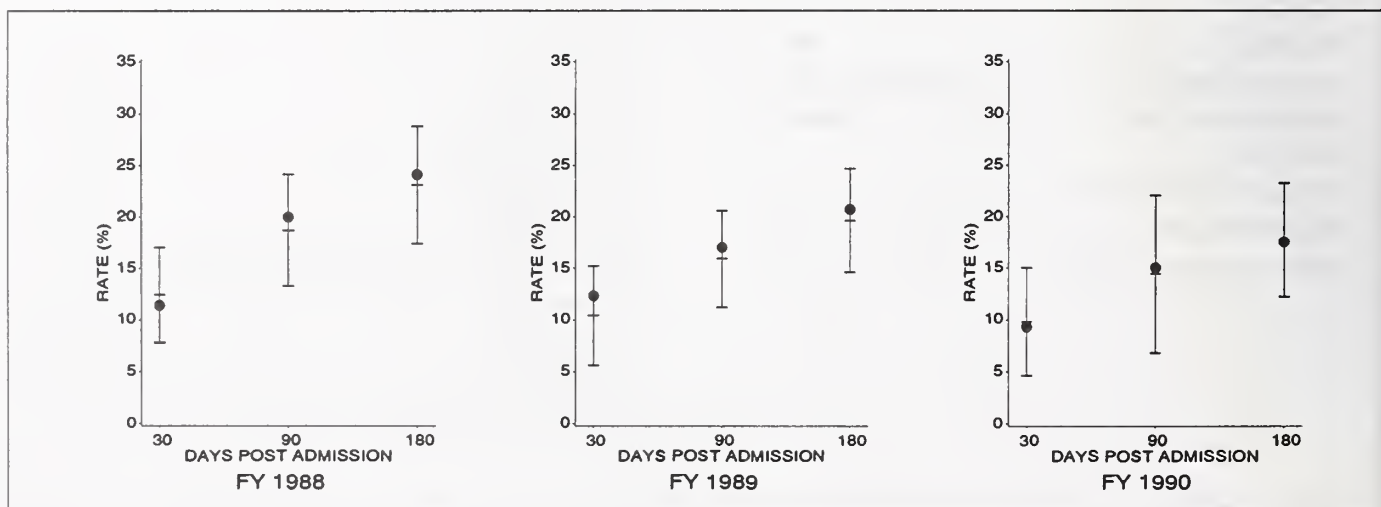
199 E WEBSTER STREET  
COLUSA, CA 95932  
Medicare Provider Number: 050434

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 246             | 9.3                 | 9.8  | 2.6  | 15.0    | 14.4 | 3.8  | 17.5     | 17.7 | 2.8  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 11              | 9.1                 | 37.9 | ---- | 18.2    | 40.9 | ---- | 27.3     | 44.4 | ---- |
| Congestive Heart Failure.....              | 21              | 14.3                | 14.7 | ---- | 19.0    | 22.9 | ---- | 28.6     | 29.2 | ---- |
| Pneumonia/Influenza.....                   | 21              | 9.5                 | 16.8 | ---- | 19.0    | 23.0 | ---- | 23.8     | 26.9 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 6               | 33.3                | 6.9  | ---- | 50.0    | 11.9 | ---- | 50.0     | 15.2 | ---- |
| Transient Cerebral Ischemia.....           | 3               | 0.0                 | 1.4  | ---- | 0.0     | 3.3  | ---- | 0.0      | 6.0  | ---- |
| Stroke.....                                | 5               | 20.0                | 29.5 | ---- | 60.0    | 39.3 | ---- | 60.0     | 44.1 | ---- |
| Hip Fracture.....                          | 7               | 14.3                | 8.2  | ---- | 14.3    | 15.7 | ---- | 14.3     | 20.5 | ---- |
| Sepsis.....                                | 1               | 0.0                 | 63.2 | ---- | 0.0     | 71.5 | ---- | 0.0      | 78.1 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 1               | 0.0                 | 5.0  | ---- | 0.0     | 9.8  | ---- | 0.0      | 13.9 | ---- |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 7               | 0.0                 | 5.2  | ---- | 0.0     | 10.0 | ---- | 0.0      | 13.1 | ---- |
| Open Reduction of Hip Fracture.....        | 1               | 100.0               | 10.6 | ---- | 100.0   | 20.0 | ---- | 100.0    | 25.9 | ---- |
| Prostatectomy.....                         | 0               |                     |      |      |         |      |      |          |      |      |
| Cholecystectomy.....                       | 0               |                     |      |      |         |      |      |          |      |      |
| Hysterectomy.....                          | 1               | 0.0                 | 0.1  | ---- | 0.0     | 0.2  | ---- | 0.0      | 0.3  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# COLUSA COMMUNITY HOSPITAL

Medicare Provider Number: 050434

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 75.9 years  
Proportion female..... 64.2 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 30.5 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 1.6 %  
Admitted for emergency..... 68.3 %

### COMORBIDITIES:

Cancer..... 3.3 %  
Chronic cardiovascular disease..... 38.2 %  
Chronic liver disease..... 1.2 %  
Chronic renal disease..... 3.3 %  
Chronic pulmonary disease..... 17.1 %  
Cerebrovascular degeneration..... 6.5 %  
Diabetes mellitus..... 4.5 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 87.1%  
State..... 11.5%  
Outside State..... 1.4%  
Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 6.1 Days  
State..... 7.1 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1991

### PROFILE:

Total Beds..... 56  
Ownership/Control..... Private, Non-Profit  
Case Mix Index (CMI)..... 1.0797

### STAFFING:

Medical Residents/Interns..... 0  
Registered Nurses..... 19  
Licensed Practical Nurses..... 9

### SPECIALTY SERVICES:

Burn Unit..... No  
Coronary Care Unit..... Yes  
Hospice Care..... No  
Intensive Care Unit..... Yes  
Organ Transplant..... No  
Trauma Center..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... No  
Rehabilitation..... No  
Psychiatric..... Yes  
Medicare Swing Beds..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# COMMUNITY HOSPITAL

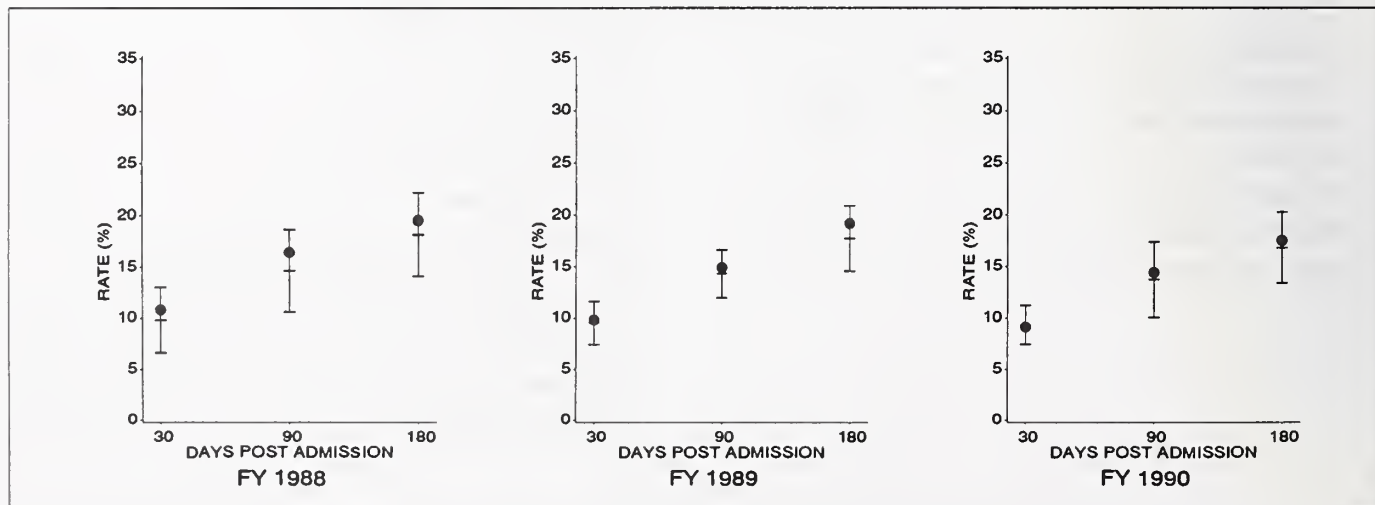
3325 CHANATE RD  
SANTA ROSA, CA 95404  
Medicare Provider Number: 050291

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 957             | 9.1                 | 9.3  | 1.0   | 14.4    | 13.7 | 1.8   | 17.5     | 16.8 | 1.7   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 25              | 12.0                | 26.6 | ----- | 16.0    | 29.1 | ----- | 16.0     | 31.7 | ----- |
| Congestive Heart Failure.....              | 60              | 13.3                | 14.8 | 4.6   | 21.7    | 23.8 | 5.6   | 26.7     | 29.9 | 6.4   |
| Pneumonia/Influenza.....                   | 47              | 12.8                | 12.2 | ----- | 21.3    | 17.0 | ----- | 29.8     | 20.2 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 20              | 10.0                | 9.4  | ----- | 20.0    | 16.9 | ----- | 20.0     | 22.3 | ----- |
| Transient Cerebral Ischemia.....           | 4               | 0.0                 | 0.8  | ----- | 0.0     | 1.9  | ----- | 0.0      | 3.1  | ----- |
| Stroke.....                                | 38              | 10.5                | 25.4 | ----- | 15.8    | 31.0 | ----- | 18.4     | 34.4 | ----- |
| Hip Fracture.....                          | 21              | 4.8                 | 6.0  | ----- | 4.8     | 10.2 | ----- | 9.5      | 13.3 | ----- |
| Sepsis.....                                | 14              | 28.6                | 21.4 | ----- | 28.6    | 28.7 | ----- | 35.7     | 32.9 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 2               | 0.0                 | 3.2  | ----- | 0.0     | 7.3  | ----- | 0.0      | 11.9 | ----- |
| Carotid Endarterectomy.....                | 7               | 14.3                | 0.9  | ----- | 14.3    | 1.7  | ----- | 14.3     | 2.6  | ----- |
| Hip Replacement/Reconstruction.....        | 14              | 0.0                 | 2.1  | ----- | 0.0     | 4.2  | ----- | 0.0      | 5.8  | ----- |
| Open Reduction of Hip Fracture.....        | 10              | 0.0                 | 5.7  | ----- | 0.0     | 9.7  | ----- | 0.0      | 13.0 | ----- |
| Prostatectomy.....                         | 1               | 0.0                 | 2.7  | ----- | 0.0     | 7.8  | ----- | 0.0      | 14.6 | ----- |
| Cholecystectomy.....                       | 6               | 16.7                | 1.9  | ----- | 16.7    | 3.9  | ----- | 16.7     | 5.5  | ----- |
| Hysterectomy.....                          | 9               | 0.0                 | 0.2  | ----- | 0.0     | 0.5  | ----- | 0.0      | 0.9  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# COMMUNITY HOSPITAL

Medicare Provider Number: 050291

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 68.1 years  
 Proportion female..... 51.7 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 30.7 %  
 Transferred from skilled nursing facility..... 0.0 %  
 Admitted for elective procedure..... 5.7 %  
 Admitted for emergency..... 39.3 %

### COMORBIDITIES:

Cancer..... 4.9 %  
 Chronic cardiovascular disease..... 26.2 %  
 Chronic liver disease..... 1.4 %  
 Chronic renal disease..... 2.9 %  
 Chronic pulmonary disease..... 14.9 %  
 Cerebrovascular degeneration..... 4.5 %  
 Diabetes mellitus..... 6.0 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 85.0%  
 State ..... 13.3%  
 Outside State ..... 1.7%  
 Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 7.1 Days  
 State ..... 7.1 Days  
 National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 145  
 Occupancy Rate ..... 65.0 %  
 Ownership/Control..... Local Government  
 Medicare Discharges ..... 15.6 %  
 Case Mix Index (CMI) ..... 1.1849

### STAFFING:

Total Number of Physicians..... 148  
 Percent of Physicians Board  
 Certified Specialists ..... 86.5 %  
 Medical Residents/Interns ..... 34  
 Registered Nurses ..... 115  
 Licensed Practical Nurses ..... 28

### SPECIALTY SERVICES:

Burn Unit ..... No  
 Cardiac Intensive Care ..... No  
 Comprehensive Geriatric ..... Yes  
 Hospice Care ..... No  
 Medical/Surgical Intensive Care ..... Yes  
 Organ/Tissue Transplant ..... No  
 Other Intensive Care ..... No  
 Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
 Rehabilitation..... No  
 Psychiatric ..... No  
 Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# COMMUNITY HOSPITAL HEALTH SCIENCE CENTER

2251 HAWTHORNE ST  
SACRAMENTO, CA 95815  
Medicare Provider Number: 050687

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 40                 | 7.5                 | 16.6 | ---- | 17.5    | 21.2 | ---- | 20.0     | 24.1 | ---- |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 2                  | 0.0                 | 36.5 | ---- | 0.0     | 38.7 | ---- | 0.0      | 40.9 | ---- |
| Congestive Heart Failure.....              | 2                  | 50.0                | 14.5 | ---- | 50.0    | 23.6 | ---- | 50.0     | 29.0 | ---- |
| Pneumonia/Influenza.....                   | 3                  | 0.0                 | 14.1 | ---- | 0.0     | 19.9 | ---- | 0.0      | 23.0 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 3                  | 0.0                 | 9.9  | ---- | 0.0     | 16.4 | ---- | 0.0      | 20.1 | ---- |
| Transient Cerebral Ischemia.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Stroke.....                                | 1                  | 0.0                 | 32.7 | ---- | 0.0     | 39.2 | ---- | 0.0      | 42.1 | ---- |
| Hip Fracture.....                          | 0                  |                     |      |      |         |      |      |          |      |      |
| Sepsis.....                                | 1                  | 0.0                 | 35.0 | ---- | 100.0   | 42.1 | ---- | 100.0    | 46.7 | ---- |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0                  |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 0                  |                     |      |      |         |      |      |          |      |      |
| Open Reduction of Hip Fracture.....        | 0                  |                     |      |      |         |      |      |          |      |      |
| Prostatectomy.....                         | 0                  |                     |      |      |         |      |      |          |      |      |
| Cholecystectomy.....                       | 0                  |                     |      |      |         |      |      |          |      |      |
| Hysterectomy.....                          | 0                  |                     |      |      |         |      |      |          |      |      |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES

No Graphs are presented when the standard deviation  
was not computed for one or more of the three fiscal years,  
(1988, 1989, or 1990)



# COMMUNITY HOSPITAL HEALTH SCIENCE CENTER

Medicare Provider Number: 050687

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 69.5 years  
Proportion female..... 35.0 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 42.5 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 7.5 %  
Admitted for emergency..... 62.5 %

### COMORBIDITIES:

Cancer..... 2.5 %  
Chronic cardiovascular disease..... 30.0 %  
Chronic liver disease..... 0.0 %  
Chronic renal disease..... 0.0 %  
Chronic pulmonary disease..... 27.5 %  
Cerebrovascular degeneration..... 10.0 %  
Diabetes mellitus..... 5.0 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 94.6 %  
State ..... 5.4 %  
Outside State ..... 0.0 %  
Total ..... 100.0 %

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 7.2 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1989

### PROFILE:

Total Beds ..... 100  
Ownership/Control..... Private, For Profit  
Case Mix Index (CMI) ..... 1.1043

### STAFFING:

Medical Residents/Interns ..... 0  
Registered Nurses..... 31  
Licensed Practical Nurses ..... 20

### SPECIALTY SERVICES:

Burn Unit ..... No  
Coronary Care Unit ..... Yes  
Hospice Care ..... No  
Intensive Care Unit ..... Yes  
Organ Transplant ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... Yes  
Rehabilitation..... No  
Psychiatric..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# COMMUNITY HOSPITAL LOS GATOS SARATOGA

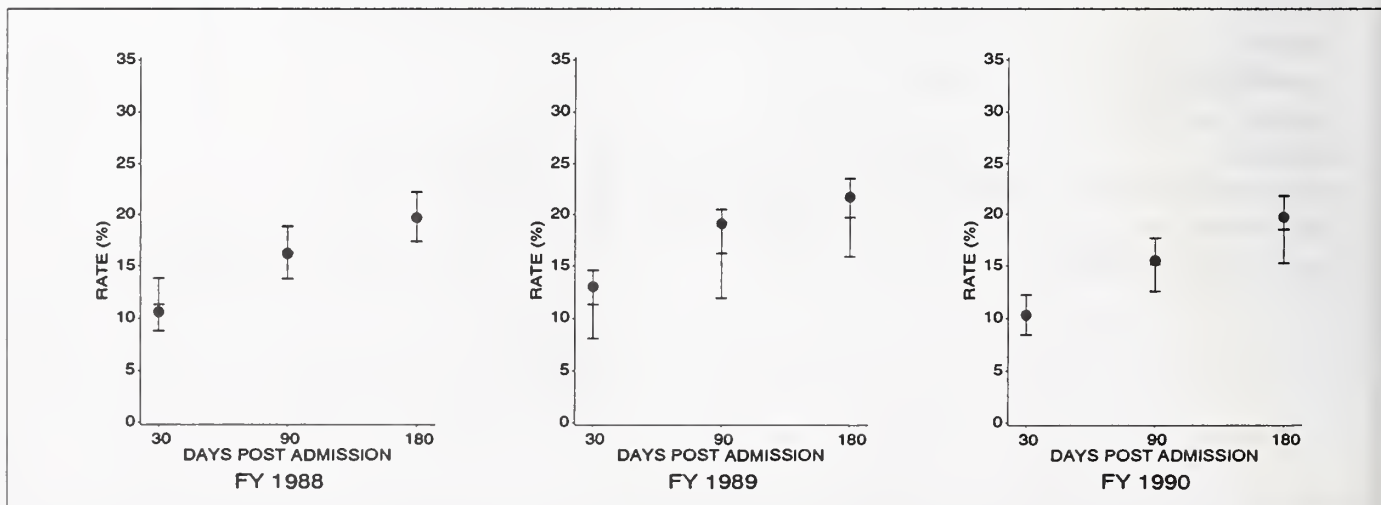
815 POLLARD RD  
LOS GATOS, CA 95030  
Medicare Provider Number: 050188

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1184            | 10.3                | 10.3 | 1.0   | 15.5    | 15.1 | 1.3   | 19.7     | 18.5 | 1.6   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 48              | 31.2                | 25.6 | ----- | 31.2    | 28.7 | ----- | 35.4     | 31.4 | ----- |
| Congestive Heart Failure.....              | 64              | 18.8                | 14.9 | 6.7   | 26.6    | 23.2 | 7.5   | 35.9     | 29.4 | 9.5   |
| Pneumonia/Influenza.....                   | 68              | 19.1                | 17.0 | 4.9   | 25.0    | 23.1 | 5.7   | 30.9     | 26.8 | 6.4   |
| Chronic Obstructive Pulmonary Disease..... | 6               | 0.0                 | 14.4 | ----- | 0.0     | 22.5 | ----- | 33.3     | 27.3 | ----- |
| Transient Cerebral Ischemia.....           | 18              | 0.0                 | 1.8  | ----- | 5.6     | 4.2  | ----- | 11.1     | 6.9  | ----- |
| Stroke.....                                | 74              | 23.0                | 22.3 | 7.4   | 33.8    | 29.1 | 7.1   | 40.5     | 32.8 | 8.7   |
| Hip Fracture.....                          | 61              | 1.6                 | 7.2  | 5.7   | 9.8     | 12.9 | 6.9   | 11.5     | 17.0 | 8.5   |
| Sepsis.....                                | 18              | 22.2                | 17.6 | ----- | 33.3    | 24.3 | ----- | 33.3     | 28.6 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 11              | 0.0                 | 5.9  | ----- | 0.0     | 10.8 | ----- | 9.1      | 14.8 | ----- |
| Carotid Endarterectomy.....                | 3               | 0.0                 | 3.2  | ----- | 0.0     | 5.7  | ----- | 0.0      | 8.1  | ----- |
| Hip Replacement/Reconstruction.....        | 37              | 2.7                 | 4.2  | ----- | 10.8    | 7.9  | ----- | 13.5     | 10.7 | ----- |
| Open Reduction of Hip Fracture.....        | 30              | 0.0                 | 7.3  | ----- | 6.7     | 13.5 | ----- | 10.0     | 17.7 | ----- |
| Prostatectomy.....                         | 42              | 0.0                 | 1.3  | ----- | 0.0     | 3.0  | ----- | 2.4      | 5.0  | ----- |
| Cholecystectomy.....                       | 25              | 4.0                 | 1.5  | ----- | 4.0     | 2.5  | ----- | 8.0      | 3.4  | ----- |
| Hysterectomy.....                          | 18              | 0.0                 | 0.5  | ----- | 0.0     | 1.3  | ----- | 5.6      | 2.1  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# COMMUNITY HOSPITAL LOS GATOS SARATOGA

Medicare Provider Number: 050188

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 76.7 years

Proportion female..... 61.3 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 38.5 %

Transferred from skilled nursing facility..... 3.0 %

Admitted for elective procedure..... 5.7 %

Admitted for emergency..... 51.5 %

### COMORBIDITIES:

Cancer..... 5.0 %

Chronic cardiovascular disease..... 37.3 %

Chronic liver disease..... 0.8 %

Chronic renal disease..... 0.9 %

Chronic pulmonary disease..... 15.5 %

Cerebrovascular degeneration..... 2.9 %

Diabetes mellitus..... 11.0 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 89.5%

State..... 8.4%

Outside State..... 2.1%

Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 7.6 Days

State..... 7.1 Days

National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1989

### PROFILE:

Total Beds..... 208

Ownership/Control..... Private, Non-Profit

Case Mix Index (CMI)..... 1.3806

### STAFFING:

Medical Residents/Interns..... 9

Registered Nurses..... 145

Licensed Practical Nurses..... 25

### SPECIALTY SERVICES:

Burn Unit..... No

Coronary Care Unit..... Yes

Hospice Care..... Yes

Intensive Care Unit..... Yes

Organ Transplant..... No

Trauma Center..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... Yes

Rehabilitation..... Yes

Psychiatric..... No

Medicare Swing Beds..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# COMMUNITY HOSPITAL MONTEREY PENINSULA

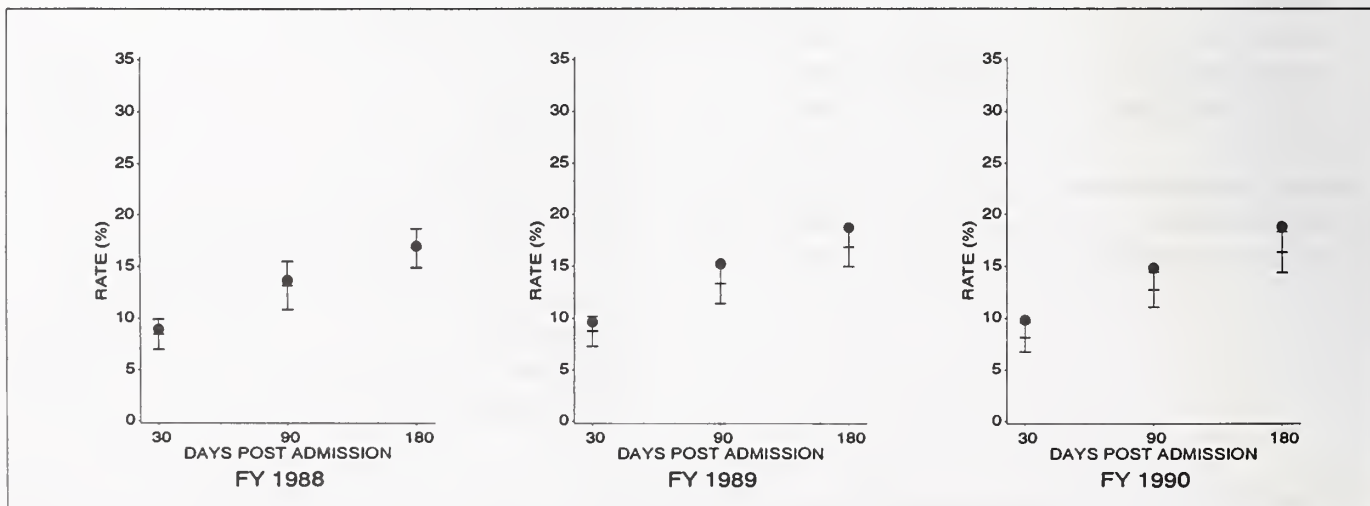
23625 W R HOLMAN HIGHWAY  
MONTEREY, CA 93940  
Medicare Provider Number: 050145

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 2653            | 9.8                 | 8.1  | 0.7  | 14.8    | 12.7 | 0.8  | 18.8     | 16.3 | 1.0  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 59              | 20.3                | 25.1 | 6.7  | 25.4    | 28.3 | 6.3  | 28.8     | 31.1 | 6.7  |
| Congestive Heart Failure.....              | 146             | 17.1                | 14.9 | 3.4  | 21.9    | 22.7 | 3.5  | 26.0     | 28.5 | 4.7  |
| Pneumonia/Influenza.....                   | 98              | 22.4                | 15.3 | 5.5  | 28.6    | 21.4 | 6.9  | 31.6     | 25.4 | 6.4  |
| Chronic Obstructive Pulmonary Disease..... | 48              | 10.4                | 8.3  | ---- | 14.6    | 14.4 | ---- | 16.7     | 19.1 | ---- |
| Transient Cerebral Ischemia.....           | 31              | 3.2                 | 1.7  | ---- | 3.2     | 3.8  | ---- | 3.2      | 6.1  | ---- |
| Stroke.....                                | 136             | 24.3                | 20.2 | 4.8  | 31.6    | 26.1 | 5.6  | 37.5     | 30.0 | 7.0  |
| Hip Fracture.....                          | 99              | 8.1                 | 5.9  | 2.6  | 15.2    | 10.6 | 3.8  | 19.2     | 14.0 | 4.9  |
| Sepsis.....                                | 27              | 25.9                | 21.8 | ---- | 44.4    | 30.4 | ---- | 51.9     | 35.1 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 24              | 0.0                 | 3.4  | ---- | 8.3     | 6.5  | ---- | 8.3      | 9.5  | ---- |
| Carotid Endarterectomy.....                | 21              | 4.8                 | 1.3  | ---- | 4.8     | 2.3  | ---- | 4.8      | 3.4  | ---- |
| Hip Replacement/Reconstruction.....        | 108             | 2.8                 | 2.0  | 2.4  | 7.4     | 3.8  | 4.1  | 9.3      | 5.2  | 5.0  |
| Open Reduction of Hip Fracture.....        | 52              | 5.8                 | 5.8  | 3.5  | 9.6     | 10.5 | 4.8  | 15.4     | 13.9 | 7.2  |
| Prostatectomy.....                         | 59              | 1.7                 | 0.6  | 1.4  | 5.1     | 1.4  | 2.7  | 6.8      | 2.4  | 3.7  |
| Cholecystectomy.....                       | 36              | 0.0                 | 1.8  | ---- | 2.8     | 3.0  | ---- | 2.8      | 3.9  | ---- |
| Hysterectomy.....                          | 30              | 0.0                 | 0.4  | ---- | 0.0     | 1.1  | ---- | 0.0      | 1.8  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# COMMUNITY HOSPITAL MONTEREY PENINSULA

Medicare Provider Number: 050145

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 75.7 years |
| Proportion female.....        | 59.0 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 50.0 % |
| Transferred from skilled nursing facility..... | 0.1 %  |
| Admitted for elective procedure.....           | 45.3 % |
| Admitted for emergency.....                    | 39.4 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 10.0 % |
| Chronic cardiovascular disease..... | 31.5 % |
| Chronic liver disease.....          | 0.8 %  |
| Chronic renal disease.....          | 3.1 %  |
| Chronic pulmonary disease.....      | 11.9 % |
| Cerebrovascular degeneration.....   | 4.1 %  |
| Diabetes mellitus.....              | 4.8 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City.....    | 90.0%  |
| State .....         | 7.7%   |
| Outside State ..... | 2.3%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 5.9 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 174                 |
| Occupancy Rate .....       | 83.0 %              |
| Ownership/Control.....     | Private, Non-Profit |
| Medicare Discharges .....  | 46.0 %              |
| Case Mix Index (CMI) ..... | 1.2490              |

### STAFFING:

|                                                           |        |
|-----------------------------------------------------------|--------|
| Total Number of Physicians.....                           | 199    |
| Percent of Physicians Board<br>Certified Specialists..... | 73.9 % |
| Medical Residents/Interns .....                           | 0      |
| Registered Nurses.....                                    | 377    |
| Licensed Practical Nurses.....                            | 55     |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | No  |
| Psychiatric.....          | Yes |
| Medicare Swing Beds ..... | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# COMMUNITY HOSPITAL OF SALINAS

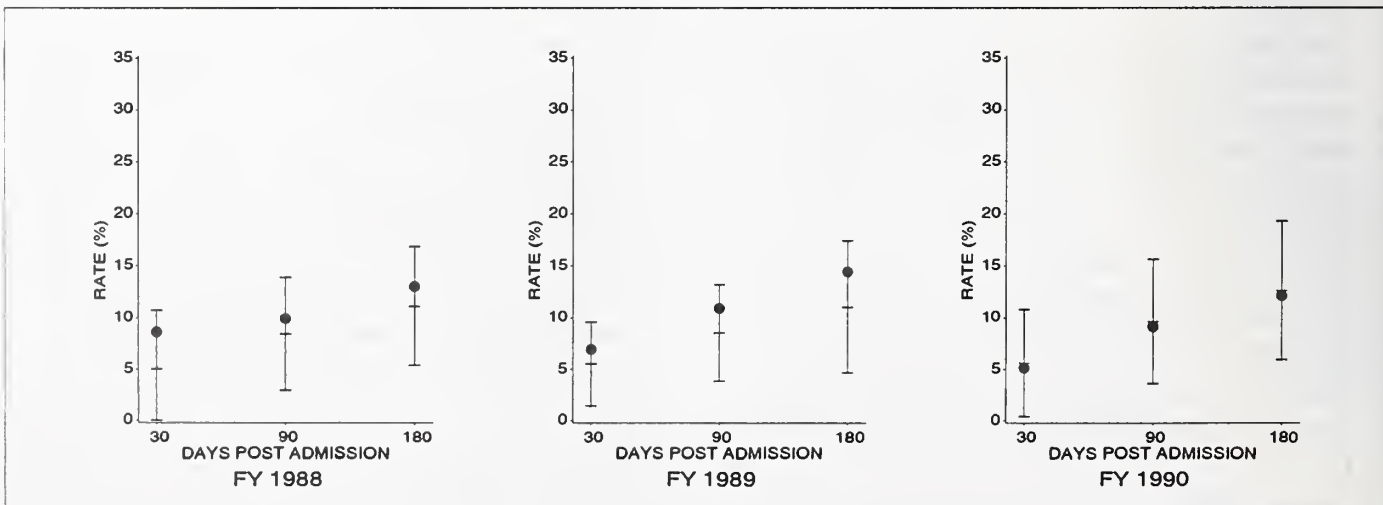
970 CIRCLE DRIVE  
SALINAS, CA 93905  
Medicare Provider Number: 050544

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 99              | 5.1                 | 5.6  | 2.6  | 9.1     | 9.6  | 3.0  | 12.1     | 12.6 | 3.4  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 0               |                     |      |      |         |      |      |          |      |      |
| Congestive Heart Failure.....              | 4               | 0.0                 | 12.0 | ---- | 0.0     | 20.3 | ---- | 0.0      | 25.4 | ---- |
| Pneumonia/Influenza.....                   | 8               | 12.5                | 8.8  | ---- | 12.5    | 13.0 | ---- | 25.0     | 15.9 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 3               | 0.0                 | 6.1  | ---- | 0.0     | 12.0 | ---- | 0.0      | 16.5 | ---- |
| Transient Cerebral Ischemia.....           | 2               | 0.0                 | 1.4  | ---- | 0.0     | 3.7  | ---- | 0.0      | 6.6  | ---- |
| Stroke.....                                | 6               | 0.0                 | 10.1 | ---- | 0.0     | 14.9 | ---- | 0.0      | 17.4 | ---- |
| Hip Fracture.....                          | 1               | 0.0                 | 2.3  | ---- | 0.0     | 4.5  | ---- | 0.0      | 6.4  | ---- |
| Sepsis.....                                | 0               |                     |      |      |         |      |      |          |      |      |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0               |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 3               | 0.0                 | 2.3  | ---- | 0.0     | 4.9  | ---- | 0.0      | 6.8  | ---- |
| Open Reduction of Hip Fracture.....        | 1               | 0.0                 | 2.9  | ---- | 0.0     | 5.8  | ---- | 0.0      | 7.9  | ---- |
| Prostatectomy.....                         | 3               | 0.0                 | 1.6  | ---- | 0.0     | 4.1  | ---- | 0.0      | 7.3  | ---- |
| Cholecystectomy.....                       | 1               | 0.0                 | 0.4  | ---- | 0.0     | 0.9  | ---- | 0.0      | 1.2  | ---- |
| Hysterectomy.....                          | 2               | 0.0                 | 0.1  | ---- | 0.0     | 0.2  | ---- | 0.0      | 0.4  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# COMMUNITY HOSPITAL OF SALINAS

Medicare Provider Number: 050544

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 74.0 years  
Proportion female..... 62.6 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 97.0 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 22.2 %  
Admitted for emergency..... 0.0 %

### COMORBIDITIES:

Cancer..... 3.0 %  
Chronic cardiovascular disease..... 19.2 %  
Chronic liver disease..... 2.0 %  
Chronic renal disease..... 4.0 %  
Chronic pulmonary disease..... 20.2 %  
Cerebrovascular degeneration..... 6.1 %  
Diabetes mellitus..... 9.1 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 89.9%  
State ..... 8.1%  
Outside State ..... 2.0%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 6.4 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 42  
Ownership/Control..... Private, Non-Profit  
Case Mix Index (CMI) ..... 1.4127

### STAFFING:

Medical Residents/Interns ..... 0  
Registered Nurses..... 14  
Licensed Practical Nurses ..... 8

### SPECIALTY SERVICES:

Burn Unit ..... No  
Coronary Care Unit ..... Yes  
Hospice Care ..... No  
Intensive Care Unit ..... Yes  
Organ Transplant ..... Yes  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... Yes  
Rehabilitation..... No  
Psychiatric..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# COMMUNITY HOSPITAL RECOVERY CENTER

576 HARTNELL ST  
MONTEREY, CA 93940  
Medicare Provider Number: 050458

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 16                 | 0.0                 | 0.6  | ---- | 0.0     | 1.7  | ---- | 0.0      | 3.3  | ---- |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Congestive Heart Failure.....              | 0                  |                     |      |      |         |      |      |          |      |      |
| Pneumonia/Influenza.....                   | 0                  |                     |      |      |         |      |      |          |      |      |
| Chronic Obstructive Pulmonary Disease..... | 0                  |                     |      |      |         |      |      |          |      |      |
| Transient Cerebral Ischemia.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Stroke.....                                | 0                  |                     |      |      |         |      |      |          |      |      |
| Hip Fracture.....                          | 0                  |                     |      |      |         |      |      |          |      |      |
| Sepsis.....                                | 0                  |                     |      |      |         |      |      |          |      |      |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0                  |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 0                  |                     |      |      |         |      |      |          |      |      |
| Open Reduction of Hip Fracture.....        | 0                  |                     |      |      |         |      |      |          |      |      |
| Prostatectomy.....                         | 0                  |                     |      |      |         |      |      |          |      |      |
| Cholecystectomy.....                       | 0                  |                     |      |      |         |      |      |          |      |      |
| Hysterectomy.....                          | 0                  |                     |      |      |         |      |      |          |      |      |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES

No Graphs are presented when the standard deviation  
was not computed for one or more of the three fiscal years,  
(1988, 1989, or 1990)



# COMMUNITY HOSPITAL RECOVERY CENTER

Medicare Provider Number: 050458

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 61.9 years  
Proportion female..... 56.3 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 93.8 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 100.0 %  
Admitted for emergency..... 0.0 %

### COMORBIDITIES:

Cancer..... 12.5 %  
Chronic cardiovascular disease..... 12.5 %  
Chronic liver disease..... 6.3 %  
Chronic renal disease..... 0.0 %  
Chronic pulmonary disease..... 12.5 %  
Cerebrovascular degeneration..... 18.8 %  
Diabetes mellitus..... 0.0 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 74.1%  
State ..... 18.5%  
Outside State ..... 7.4%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 19.0 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1984

### PROFILE:

Total Beds ..... 86  
Ownership/Control..... Private, Non-Profit  
Case Mix Index (CMI) ..... 0.9362

### STAFFING:

Medical Residents/Interns ..... 0  
Registered Nurses ..... 4  
Licensed Practical Nurses ..... 2

### SPECIALTY SERVICES:

Burn Unit ..... No  
Coronary Care Unit ..... No  
Hospice Care ..... No  
Intensive Care Unit ..... Yes  
Organ Transplant ..... No  
Trauma Center ..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... Yes  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# CORCORAN DISTRICT HOSPITAL

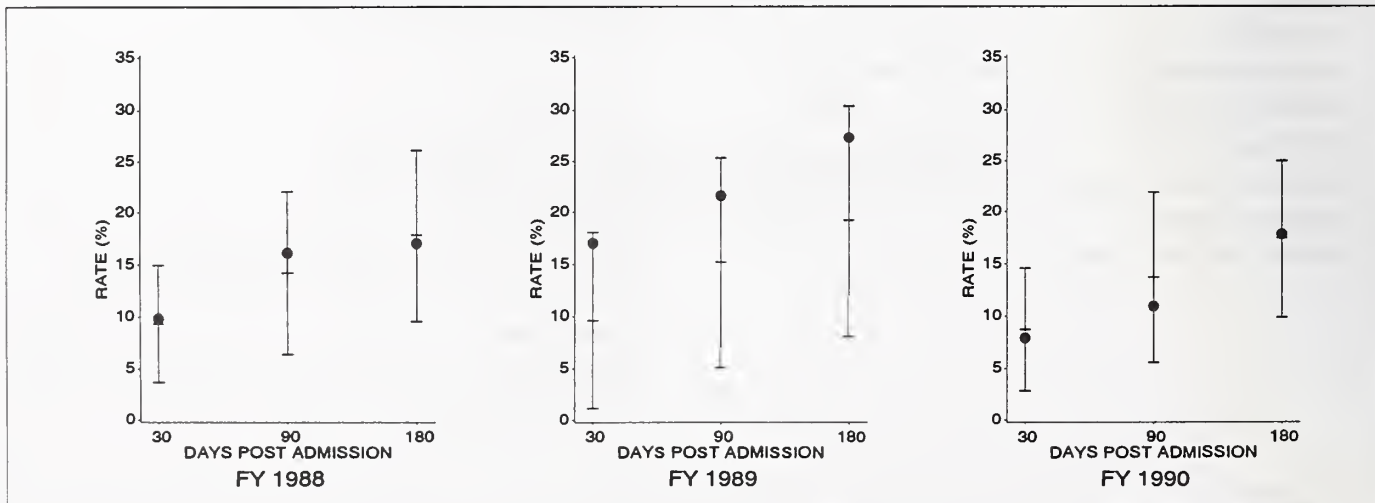
1310 HANNA AVE  
CORCORAN, CA 93212  
Medicare Provider Number: 050349

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 101             | 7.9                 | 8.7  | 2.9  | 10.9    | 13.7 | 4.1  | 17.8     | 17.4 | 3.8  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 2               | 50.0                | 18.9 | ---- | 100.0   | 26.1 | ---- | 100.0    | 30.4 | ---- |
| Congestive Heart Failure.....              | 13              | 0.0                 | 10.4 | ---- | 0.0     | 16.3 | ---- | 7.7      | 20.7 | ---- |
| Pneumonia/Influenza.....                   | 4               | 0.0                 | 13.8 | ---- | 25.0    | 20.7 | ---- | 75.0     | 25.6 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 5               | 20.0                | 8.8  | ---- | 20.0    | 15.8 | ---- | 20.0     | 21.4 | ---- |
| Transient Cerebral Ischemia.....           | 0               |                     |      |      |         |      |      |          |      |      |
| Stroke.....                                | 2               | 0.0                 | 11.7 | ---- | 0.0     | 19.4 | ---- | 50.0     | 23.4 | ---- |
| Hip Fracture.....                          | 0               |                     |      |      |         |      |      |          |      |      |
| Sepsis.....                                | 1               | 0.0                 | 20.3 | ---- | 0.0     | 23.6 | ---- | 0.0      | 27.0 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0               |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 0               |                     |      |      |         |      |      |          |      |      |
| Open Reduction of Hip Fracture.....        | 0               |                     |      |      |         |      |      |          |      |      |
| Prostatectomy.....                         | 0               |                     |      |      |         |      |      |          |      |      |
| Cholecystectomy.....                       | 2               | 0.0                 | 3.9  | ---- | 0.0     | 7.3  | ---- | 0.0      | 9.9  | ---- |
| Hysterectomy.....                          | 0               |                     |      |      |         |      |      |          |      |      |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# CORCORAN DISTRICT HOSPITAL

Medicare Provider Number: 050349

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 74.4 years  
Proportion female..... 54.5 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 85.1 %  
Transferred from skilled nursing facility..... 2.0 %  
Admitted for elective procedure..... 7.9 %  
Admitted for emergency..... 19.8 %

### COMORBIDITIES:

Cancer..... 5.0 %  
Chronic cardiovascular disease..... 32.7 %  
Chronic liver disease..... 2.0 %  
Chronic renal disease..... 4.0 %  
Chronic pulmonary disease..... 15.8 %  
Cerebrovascular degeneration..... 2.0 %  
Diabetes mellitus..... 19.8 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 83.6%  
State ..... 15.7%  
Outside State ..... 0.7%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 4.4 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 32  
Ownership/Control..... District/Authority  
Case Mix Index (CMI) ..... 1.0349

### STAFFING:

Medical Residents/Interns ..... 0  
Registered Nurses..... 7  
Licensed Practical Nurses ..... 8

### SPECIALTY SERVICES:

Burn Unit ..... No  
Coronary Care Unit ..... No  
Hospice Care ..... No  
Intensive Care Unit ..... No  
Organ Transplant ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# DAMERON HOSPITAL ASSOCIATION

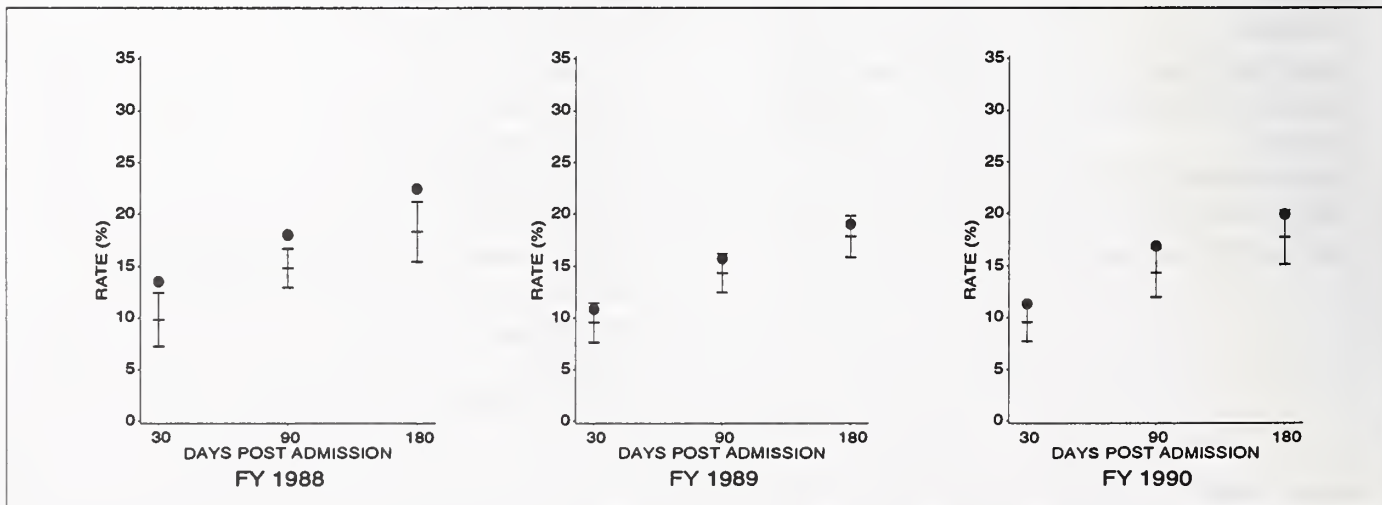
425 WEST ACACIA STREET  
STOCKTON, CA 95203  
Medicare Provider Number: 050122

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 1810            | 11.3                | 9.5  | 0.9  | 16.9    | 14.3 | 1.2  | 19.9     | 17.7 | 1.3  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 53              | 43.4                | 27.4 | 9.1  | 47.2    | 30.7 | 9.3  | 47.2     | 33.6 | 9.4  |
| Congestive Heart Failure.....              | 113             | 14.2                | 15.0 | 3.9  | 24.8    | 23.6 | 4.7  | 31.0     | 29.7 | 4.6  |
| Pneumonia/Influenza.....                   | 71              | 22.5                | 15.1 | 8.5  | 28.2    | 21.0 | 8.4  | 29.6     | 25.0 | 7.6  |
| Chronic Obstructive Pulmonary Disease..... | 35              | 2.9                 | 6.0  | ---- | 8.6     | 11.3 | ---- | 8.6      | 15.5 | ---- |
| Transient Cerebral Ischemia.....           | 18              | 5.6                 | 1.7  | ---- | 5.6     | 4.0  | ---- | 11.1     | 6.5  | ---- |
| Stroke.....                                | 54              | 33.3                | 19.7 | 8.3  | 38.9    | 27.2 | 8.3  | 40.7     | 31.3 | 8.7  |
| Hip Fracture.....                          | 36              | 5.6                 | 6.9  | ---- | 13.9    | 12.0 | ---- | 25.0     | 15.3 | ---- |
| Sepsis.....                                | 33              | 42.4                | 29.8 | ---- | 57.6    | 37.8 | ---- | 63.6     | 42.7 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 58              | 1.7                 | 1.3  | 1.6  | 3.4     | 1.9  | 2.3  | 3.4      | 2.5  | 2.3  |
| Coronary Artery Bypass Graft.....          | 57              | 3.5                 | 5.8  | 4.3  | 10.5    | 8.6  | 4.6  | 12.3     | 9.9  | 5.3  |
| Initial Pacemaker Insertion.....           | 10              | 0.0                 | 3.6  | ---- | 0.0     | 7.1  | ---- | 0.0      | 10.5 | ---- |
| Carotid Endarterectomy.....                | 17              | 0.0                 | 1.8  | ---- | 0.0     | 3.2  | ---- | 5.9      | 4.7  | ---- |
| Hip Replacement/Reconstruction.....        | 34              | 0.0                 | 1.4  | ---- | 2.9     | 2.5  | ---- | 8.8      | 3.3  | ---- |
| Open Reduction of Hip Fracture.....        | 25              | 4.0                 | 6.5  | ---- | 12.0    | 11.9 | ---- | 16.0     | 15.3 | ---- |
| Prostatectomy.....                         | 85              | 1.2                 | 0.6  | 1.0  | 3.5     | 1.4  | 2.2  | 4.7      | 2.4  | 2.9  |
| Cholecystectomy.....                       | 42              | 4.8                 | 2.0  | ---- | 4.8     | 3.9  | ---- | 4.8      | 5.5  | ---- |
| Hysterectomy.....                          | 14              | 0.0                 | 0.1  | ---- | 0.0     | 0.3  | ---- | 0.0      | 0.5  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# DAMERON HOSPITAL ASSOCIATION

Medicare Provider Number: 050122

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 73.7 years  
Proportion female..... 49.6 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 46.8 %  
Transferred from skilled nursing facility..... 1.5 %  
Admitted for elective procedure..... 24.6 %  
Admitted for emergency..... 47.4 %

### COMORBIDITIES:

Cancer..... 6.4 %  
Chronic cardiovascular disease..... 36.2 %  
Chronic liver disease..... 1.3 %  
Chronic renal disease..... 5.2 %  
Chronic pulmonary disease..... 19.4 %  
Cerebrovascular degeneration..... 5.1 %  
Diabetes mellitus..... 7.3 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 85.3%  
State..... 13.9%  
Outside State..... 0.8%  
Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 7.2 Days  
State..... 7.1 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds..... 223  
Occupancy Rate..... 58.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges..... 25.9 %  
Case Mix Index (CMI)..... 1.4137

### STAFFING:

Total Number of Physicians..... 228  
Percent of Physicians Board  
Certified Specialists..... 66.2 %  
Medical Residents/Interns..... 0  
Registered Nurses..... 212  
Licensed Practical Nurses..... 97

### SPECIALTY SERVICES:

Burn Unit..... Yes  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Trauma Center..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... No  
Rehabilitation..... No  
Psychiatric..... No  
Medicare Swing Beds..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# DAVIES MEDICAL CENTER

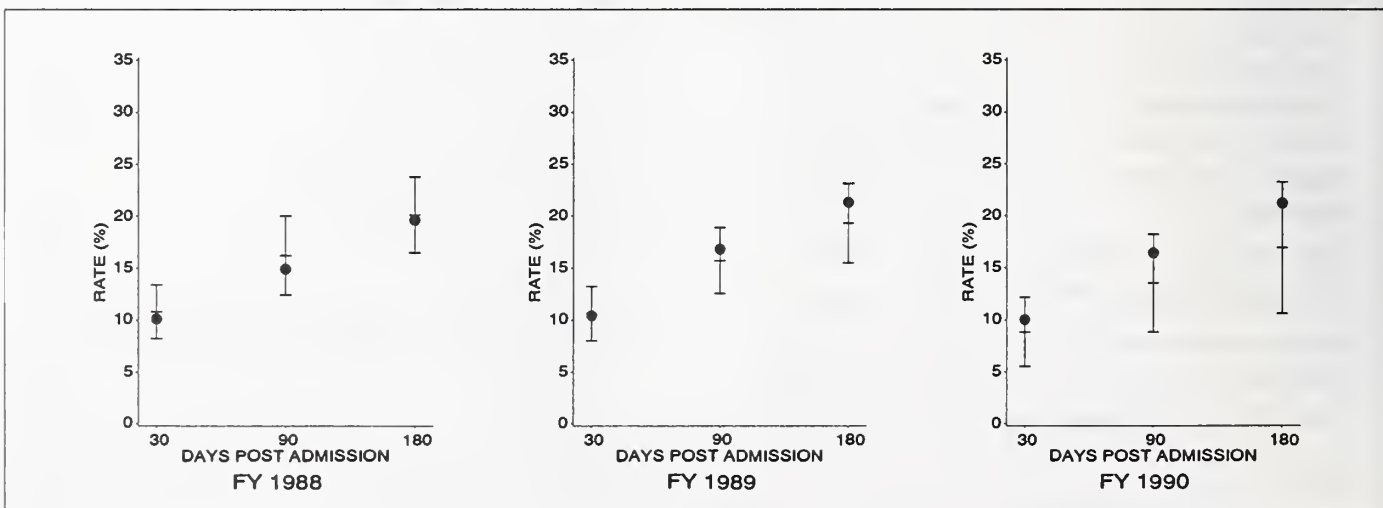
CASTRO DUBOCE STS  
SAN FRANCISCO, CA 94114  
Medicare Provider Number: 050008

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 519             | 10.0                | 8.8  | 1.7  | 16.4    | 13.5 | 2.4  | 21.2     | 16.9 | 3.2  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 14              | 28.6                | 31.0 | ---- | 35.7    | 33.6 | ---- | 35.7     | 36.1 | ---- |
| Congestive Heart Failure.....              | 21              | 9.5                 | 15.1 | ---- | 23.8    | 23.2 | ---- | 42.9     | 29.2 | ---- |
| Pneumonia/Influenza.....                   | 24              | 29.2                | 17.5 | ---- | 33.3    | 23.7 | ---- | 45.8     | 27.6 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 8               | 25.0                | 10.7 | ---- | 25.0    | 18.3 | ---- | 25.0     | 23.8 | ---- |
| Transient Cerebral Ischemia.....           | 5               | 0.0                 | 2.2  | ---- | 0.0     | 4.9  | ---- | 0.0      | 8.0  | ---- |
| Stroke.....                                | 18              | 22.2                | 22.5 | ---- | 22.2    | 28.7 | ---- | 27.8     | 32.5 | ---- |
| Hip Fracture.....                          | 17              | 11.8                | 10.1 | ---- | 11.8    | 17.5 | ---- | 11.8     | 21.9 | ---- |
| Sepsis.....                                | 12              | 8.3                 | 21.6 | ---- | 25.0    | 28.7 | ---- | 41.7     | 32.8 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 3               | 0.0                 | 6.2  | ---- | 0.0     | 9.3  | ---- | 0.0      | 11.3 | ---- |
| Carotid Endarterectomy.....                | 4               | 0.0                 | 1.6  | ---- | 0.0     | 2.8  | ---- | 0.0      | 3.8  | ---- |
| Hip Replacement/Reconstruction.....        | 11              | 0.0                 | 5.5  | ---- | 0.0     | 10.9 | ---- | 0.0      | 14.7 | ---- |
| Open Reduction of Hip Fracture.....        | 8               | 12.5                | 10.5 | ---- | 12.5    | 17.9 | ---- | 12.5     | 22.1 | ---- |
| Prostatectomy.....                         | 18              | 0.0                 | 1.4  | ---- | 0.0     | 3.2  | ---- | 5.6      | 5.3  | ---- |
| Cholecystectomy.....                       | 4               | 0.0                 | 4.5  | ---- | 0.0     | 6.7  | ---- | 0.0      | 7.8  | ---- |
| Hysterectomy.....                          | 4               | 0.0                 | 0.2  | ---- | 0.0     | 0.4  | ---- | 0.0      | 0.8  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# DAVIES MEDICAL CENTER

Medicare Provider Number: 050008

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 70.7 years |
| Proportion female.....        | 49.9 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 49.3 % |
| Transferred from skilled nursing facility..... | 2.1 %  |
| Admitted for elective procedure.....           | 25.4 % |
| Admitted for emergency.....                    | 46.8 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 8.3 %  |
| Chronic cardiovascular disease..... | 29.7 % |
| Chronic liver disease.....          | 1.0 %  |
| Chronic renal disease.....          | 8.9 %  |
| Chronic pulmonary disease.....      | 8.1 %  |
| Cerebrovascular degeneration.....   | 6.0 %  |
| Diabetes mellitus.....              | 6.4 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 77.9%  |
| State .....         | 18.8%  |
| Outside State ..... | 3.3%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 7.3 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 168                 |
| Occupancy Rate .....       | 69.0 %              |
| Ownership/Control.....     | Private, Non-Profit |
| Medicare Discharges .....  | 30.8 %              |
| Case Mix Index (CMI) ..... | 1.4509              |

### STAFFING:

|                                                           |        |
|-----------------------------------------------------------|--------|
| Total Number of Physicians.....                           | 141    |
| Percent of Physicians Board<br>Certified Specialists..... | 76.6 % |
| Medical Residents/Interns .....                           | 10     |
| Registered Nurses.....                                    | 139    |
| Licensed Practical Nurses .....                           | 13     |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | Yes |
| Comprehensive Geriatric .....         | Yes |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | Yes |
| Psychiatric .....         | No  |
| Medicare Swing Beds ..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# DEL PUERTO HOSPITAL

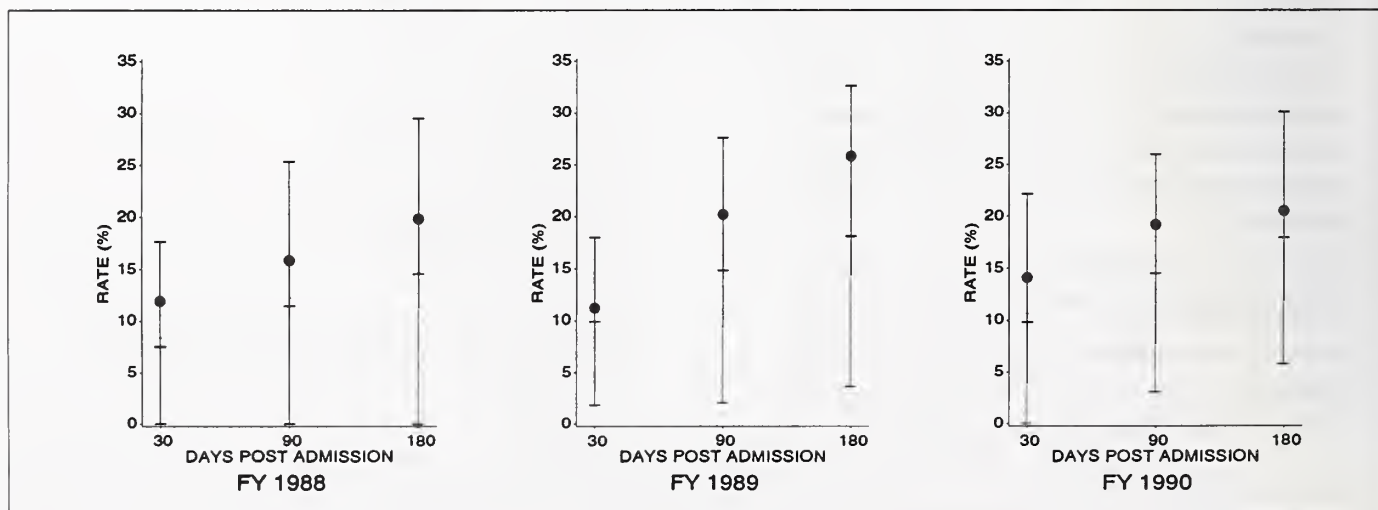
SOUTH 9TH STREET, BOX 187  
PATTERSON, CA 95363  
Medicare Provider Number: 050274

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 78              | 14.1                | 9.8  | 6.2   | 19.2    | 14.5 | 5.7   | 20.5     | 17.9 | 6.1   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Congestive Heart Failure.....              | 4               | 0.0                 | 10.8 | ----- | 25.0    | 18.3 | ----- | 25.0     | 24.1 | ----- |
| Pneumonia/Influenza.....                   | 12              | 16.7                | 12.8 | ----- | 16.7    | 17.5 | ----- | 16.7     | 20.5 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 0               |                     |      |       |         |      |       |          |      |       |
| Transient Cerebral Ischemia.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Stroke.....                                | 3               | 0.0                 | 17.5 | ----- | 0.0     | 21.1 | ----- | 0.0      | 25.0 | ----- |
| Hip Fracture.....                          | 0               |                     |      |       |         |      |       |          |      |       |
| Sepsis.....                                | 7               | 42.9                | 21.0 | ----- | 57.1    | 27.0 | ----- | 57.1     | 31.2 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 0               |                     |      |       |         |      |       |          |      |       |
| Open Reduction of Hip Fracture.....        | 0               |                     |      |       |         |      |       |          |      |       |
| Prostatectomy.....                         | 0               |                     |      |       |         |      |       |          |      |       |
| Cholecystectomy.....                       | 1               | 0.0                 | 0.6  | ----- | 0.0     | 1.2  | ----- | 0.0      | 1.6  | ----- |
| Hysterectomy.....                          | 0               |                     |      |       |         |      |       |          |      |       |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# DEL PUERTO HOSPITAL

Medicare Provider Number: 050274

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 76.8 years |
| Proportion female.....        | 59.0 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 94.9 % |
| Transferred from skilled nursing facility..... | 1.3 %  |
| Admitted for elective procedure.....           | 2.6 %  |
| Admitted for emergency.....                    | 73.1 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 3.8 %  |
| Chronic cardiovascular disease..... | 32.1 % |
| Chronic liver disease.....          | 0.0 %  |
| Chronic renal disease.....          | 3.8 %  |
| Chronic pulmonary disease.....      | 15.4 % |
| Cerebrovascular degeneration.....   | 1.3 %  |
| Diabetes mellitus.....              | 11.5 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 86.9%  |
| State .....         | 13.1%  |
| Outside State ..... | 0.0%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 6.0 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                    |
|----------------------------|--------------------|
| Total Beds .....           | 43                 |
| Occupancy Rate .....       | 39.0 %             |
| Ownership/Control.....     | District/Authority |
| Medicare Discharges .....  | 13.5 %             |
| Case Mix Index (CMI) ..... | 1.0414             |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 20     |
| Percent of Physicians Board<br>Certified Specialists ..... | 80.0 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 13     |
| Licensed Practical Nurses .....                            | 4      |

### SPECIALTY SERVICES:

|                                       |    |
|---------------------------------------|----|
| Burn Unit .....                       | No |
| Cardiac Intensive Care .....          | No |
| Comprehensive Geriatric .....         | No |
| Hospice Care .....                    | No |
| Medical/Surgical Intensive Care ..... | No |
| Organ/Tissue Transplant .....         | No |
| Other Intensive Care .....            | No |
| Trauma Center .....                   | No |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | Yes |
| Rehabilitation.....       | No  |
| Psychiatric .....         | No  |
| Medicare Swing Beds ..... | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# DELTA MEMORIAL HOSPITAL

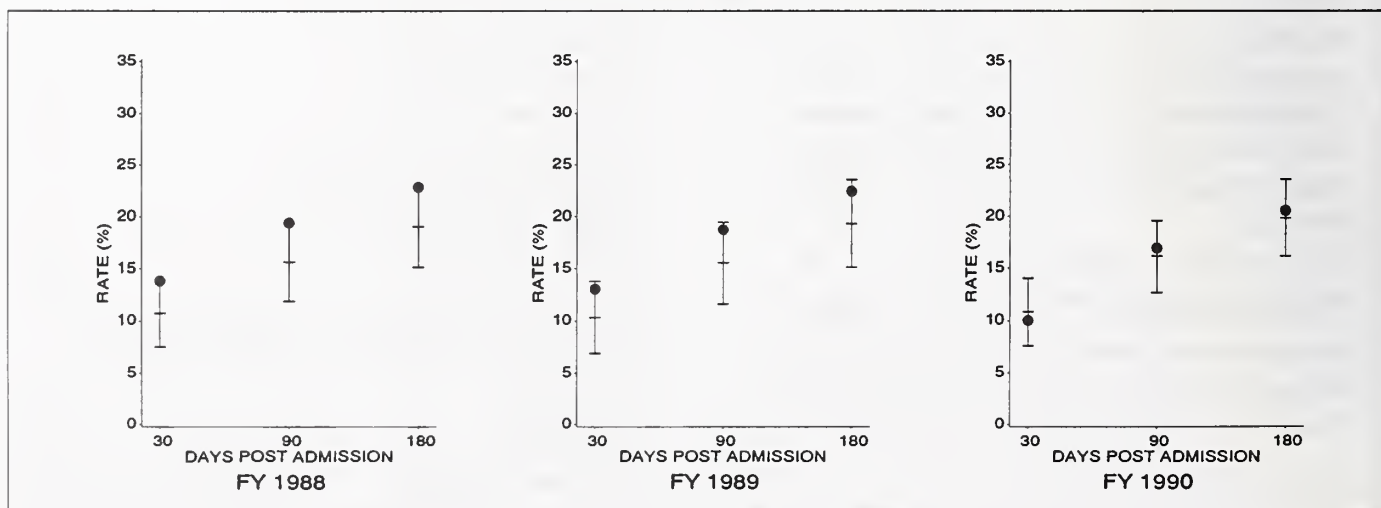
3901 LONE TREE WAY  
ANTIOCH, CA 94509  
Medicare Provider Number: 050523

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 799             | 10.0                | 10.8 | 1.6   | 16.9    | 16.1 | 1.7   | 20.5     | 19.8 | 1.9   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 29              | 37.9                | 21.1 | ----- | 41.4    | 24.6 | ----- | 44.8     | 27.5 | ----- |
| Congestive Heart Failure.....              | 70              | 7.1                 | 15.1 | 6.4   | 20.0    | 24.1 | 7.4   | 22.9     | 30.3 | 7.7   |
| Pneumonia/Influenza.....                   | 50              | 12.0                | 16.4 | ----- | 18.0    | 22.5 | ----- | 24.0     | 26.9 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 20              | 10.0                | 8.8  | ----- | 15.0    | 16.5 | ----- | 25.0     | 21.9 | ----- |
| Transient Cerebral Ischemia.....           | 11              | 9.1                 | 1.7  | ----- | 9.1     | 3.9  | ----- | 18.2     | 6.5  | ----- |
| Stroke.....                                | 53              | 18.9                | 22.0 | 7.4   | 26.4    | 29.3 | 8.2   | 30.2     | 33.6 | 7.7   |
| Hip Fracture.....                          | 26              | 7.7                 | 8.6  | ----- | 23.1    | 14.6 | ----- | 30.8     | 18.3 | ----- |
| Sepsis.....                                | 15              | 20.0                | 24.5 | ----- | 33.3    | 32.2 | ----- | 40.0     | 36.6 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 4               | 0.0                 | 2.0  | ----- | 0.0     | 4.7  | ----- | 0.0      | 8.0  | ----- |
| Carotid Endarterectomy.....                | 1               | 0.0                 | 4.2  | ----- | 0.0     | 7.3  | ----- | 0.0      | 10.9 | ----- |
| Hip Replacement/Reconstruction.....        | 15              | 13.3                | 5.7  | ----- | 20.0    | 10.2 | ----- | 26.7     | 13.1 | ----- |
| Open Reduction of Hip Fracture.....        | 14              | 14.3                | 9.9  | ----- | 35.7    | 17.1 | ----- | 42.9     | 21.5 | ----- |
| Prostatectomy.....                         | 21              | 0.0                 | 0.8  | ----- | 0.0     | 1.9  | ----- | 4.8      | 3.3  | ----- |
| Cholecystectomy.....                       | 12              | 0.0                 | 2.8  | ----- | 0.0     | 5.1  | ----- | 0.0      | 6.5  | ----- |
| Hysterectomy.....                          | 8               | 0.0                 | 0.1  | ----- | 0.0     | 0.3  | ----- | 0.0      | 0.5  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# DELTA MEMORIAL HOSPITAL

Medicare Provider Number: 050523

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 76.1 years |
| Proportion female.....        | 57.7 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 33.1 % |
| Transferred from skilled nursing facility..... | 0.2 %  |
| Admitted for elective procedure.....           | 8.1 %  |
| Admitted for emergency.....                    | 2.7 %  |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 7.9 %  |
| Chronic cardiovascular disease..... | 46.9 % |
| Chronic liver disease.....          | 1.1 %  |
| Chronic renal disease.....          | 2.6 %  |
| Chronic pulmonary disease.....      | 16.0 % |
| Cerebrovascular degeneration.....   | 1.5 %  |
| Diabetes mellitus.....              | 8.4 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 90.2%  |
| State .....         | 8.2%   |
| Outside State ..... | 1.6%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 5.8 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 111                 |
| Occupancy Rate .....       | 34.0 %              |
| Ownership/Control.....     | Private, Non-Profit |
| Medicare Discharges .....  | (Not Available)     |
| Case Mix Index (CMI) ..... | 1.2286              |

### STAFFING:

|                                                            |                 |
|------------------------------------------------------------|-----------------|
| Total Number of Physicians.....                            | (Not Available) |
| Percent of Physicians Board<br>Certified Specialists ..... | (Not Available) |
| Medical Residents/Interns .....                            | (Not Available) |
| Registered Nurses .....                                    | (Not Available) |
| Licensed Practical Nurses .....                            | (Not Available) |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |    |
|---------------------------|----|
| Alcohol/Drug .....        | No |
| Rehabilitation.....       | No |
| Psychiatric .....         | No |
| Medicare Swing Beds ..... | No |

\*\* Except for CMI

\* Not used in calculating mortality rates

# DOCTORS HOSPITAL OF LODI

800 S LOWER SACRAMENTO RD

LODI, CA 95240

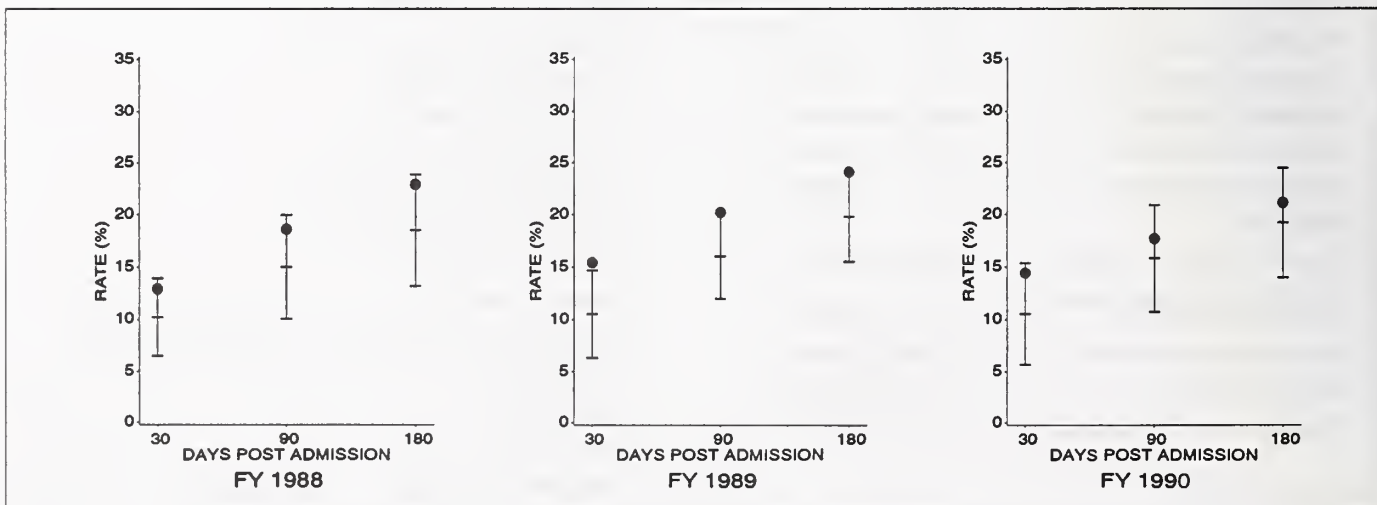
Medicare Provider Number: 050442

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 355             | 14.4                | 10.5 | 2.4   | 17.7    | 15.8 | 2.5   | 21.1     | 19.2 | 2.6   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 8               | 12.5                | 34.3 | ----- | 12.5    | 37.8 | ----- | 12.5     | 40.6 | ----- |
| Congestive Heart Failure.....              | 21              | 23.8                | 13.2 | ----- | 23.8    | 21.3 | ----- | 28.6     | 26.7 | ----- |
| Pneumonia/Influenza.....                   | 25              | 32.0                | 17.3 | ----- | 36.0    | 23.4 | ----- | 40.0     | 26.8 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 5               | 0.0                 | 9.0  | ----- | 0.0     | 15.2 | ----- | 0.0      | 20.0 | ----- |
| Transient Cerebral Ischemia.....           | 3               | 0.0                 | 1.6  | ----- | 0.0     | 3.7  | ----- | 0.0      | 5.9  | ----- |
| Stroke.....                                | 25              | 32.0                | 20.0 | ----- | 44.0    | 28.6 | ----- | 48.0     | 32.4 | ----- |
| Hip Fracture.....                          | 8               | 12.5                | 9.3  | ----- | 12.5    | 17.8 | ----- | 25.0     | 23.2 | ----- |
| Sepsis.....                                | 4               | 75.0                | 34.5 | ----- | 75.0    | 50.6 | ----- | 75.0     | 58.0 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 4               | 0.0                 | 6.9  | ----- | 0.0     | 12.9 | ----- | 25.0     | 17.1 | ----- |
| Open Reduction of Hip Fracture.....        | 4               | 25.0                | 6.1  | ----- | 25.0    | 12.3 | ----- | 25.0     | 16.6 | ----- |
| Prostatectomy.....                         | 10              | 0.0                 | 0.5  | ----- | 0.0     | 1.1  | ----- | 10.0     | 2.0  | ----- |
| Cholecystectomy.....                       | 8               | 0.0                 | 1.1  | ----- | 0.0     | 1.9  | ----- | 0.0      | 2.5  | ----- |
| Hysterectomy.....                          | 2               | 0.0                 | 0.5  | ----- | 0.0     | 1.3  | ----- | 0.0      | 2.4  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# DOCTORS HOSPITAL OF LODI

Medicare Provider Number: 050442

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 76.4 years  
Proportion female..... 56.9 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 41.4 %  
Transferred from skilled nursing facility..... 0.6 %  
Admitted for elective procedure..... 19.2 %  
Admitted for emergency..... 52.7 %

### COMORBIDITIES:

Cancer..... 5.6 %  
Chronic cardiovascular disease..... 34.6 %  
Chronic liver disease..... 0.8 %  
Chronic renal disease..... 1.4 %  
Chronic pulmonary disease..... 15.8 %  
Cerebrovascular degeneration..... 2.5 %  
Diabetes mellitus..... 7.3 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 80.2%  
State ..... 18.8%  
Outside State ..... 1.0%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 6.5 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1987

### PROFILE:

Total Beds ..... 85  
Ownership/Control..... Private, For Profit  
Case Mix Index (CMI) ..... 1.2073

### STAFFING:

Medical Residents/Interns ..... 2  
Registered Nurses..... 3  
Licensed Practical Nurses ..... 12

### SPECIALTY SERVICES:

Burn Unit ..... No  
Coronary Care Unit ..... No  
Hospice Care ..... No  
Intensive Care Unit ..... Yes  
Organ Transplant ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... Yes  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# DOCTORS HOSPITAL OF MANTECA

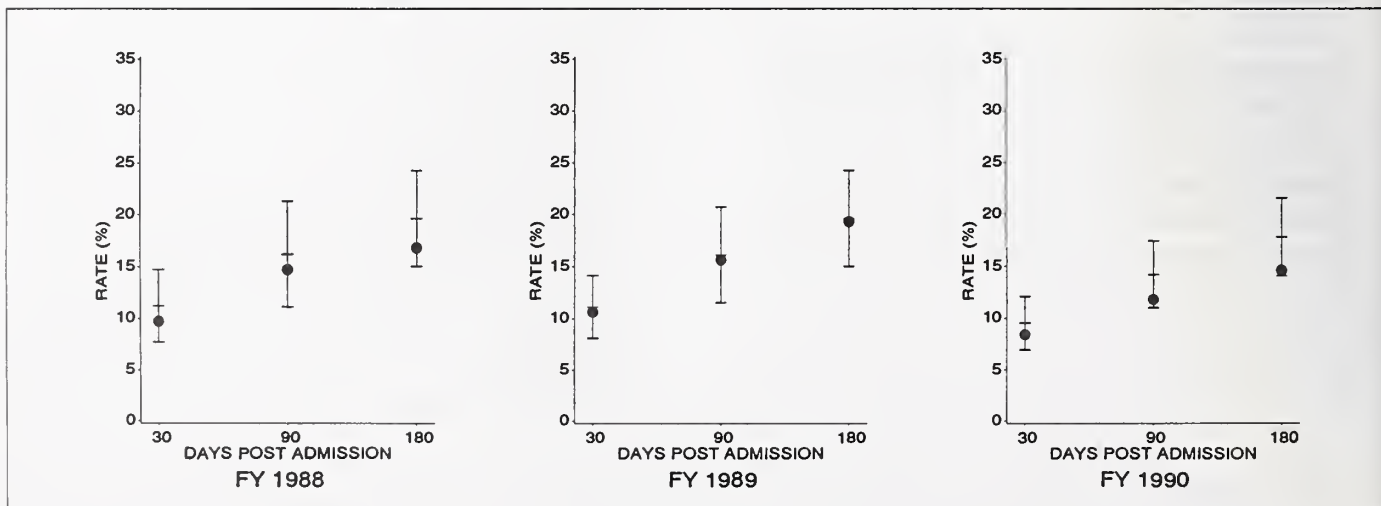
1205 E NORTH ST  
MANTECA, CA 95336  
Medicare Provider Number: 050118

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 669             | 8.4                 | 9.5  | 1.3   | 11.8    | 14.2 | 1.6   | 14.6     | 17.8 | 1.9   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 26              | 38.5                | 28.5 | ----- | 42.3    | 31.5 | ----- | 42.3     | 34.2 | ----- |
| Congestive Heart Failure.....              | 37              | 16.2                | 14.4 | ----- | 18.9    | 22.4 | ----- | 18.9     | 28.9 | ----- |
| Pneumonia/Influenza.....                   | 35              | 11.4                | 13.9 | ----- | 14.3    | 19.4 | ----- | 14.3     | 23.0 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 13              | 7.7                 | 6.9  | ----- | 15.4    | 12.7 | ----- | 23.1     | 17.3 | ----- |
| Transient Cerebral Ischemia.....           | 11              | 0.0                 | 1.4  | ----- | 0.0     | 3.1  | ----- | 0.0      | 5.2  | ----- |
| Stroke.....                                | 21              | 14.3                | 19.0 | ----- | 19.0    | 24.0 | ----- | 28.6     | 27.6 | ----- |
| Hip Fracture.....                          | 20              | 5.0                 | 7.0  | ----- | 10.0    | 12.0 | ----- | 10.0     | 15.6 | ----- |
| Sepsis.....                                | 7               | 14.3                | 29.8 | ----- | 28.6    | 35.1 | ----- | 42.9     | 38.9 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 6               | 16.7                | 4.8  | ----- | 16.7    | 7.7  | ----- | 33.3     | 10.1 | ----- |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 15              | 6.7                 | 3.9  | ----- | 6.7     | 6.7  | ----- | 6.7      | 8.8  | ----- |
| Open Reduction of Hip Fracture.....        | 11              | 0.0                 | 6.1  | ----- | 9.1     | 11.2 | ----- | 9.1      | 15.0 | ----- |
| Prostatectomy.....                         | 22              | 0.0                 | 1.2  | ----- | 0.0     | 2.6  | ----- | 0.0      | 4.2  | ----- |
| Cholecystectomy.....                       | 15              | 0.0                 | 2.3  | ----- | 6.7     | 4.0  | ----- | 6.7      | 5.3  | ----- |
| Hysterectomy.....                          | 5               | 0.0                 | 1.5  | ----- | 0.0     | 3.5  | ----- | 0.0      | 5.5  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# DOCTORS HOSPITAL OF MANTECA

Medicare Provider Number: 050118

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 75.2 years  
Proportion female..... 61.0 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 42.6 %  
Transferred from skilled nursing facility..... 4.2 %  
Admitted for elective procedure..... 4.9 %  
Admitted for emergency..... 10.6 %

### COMORBIDITIES:

Cancer..... 6.3 %  
Chronic cardiovascular disease..... 49.3 %  
Chronic liver disease..... 0.9 %  
Chronic renal disease..... 4.6 %  
Chronic pulmonary disease..... 19.1 %  
Cerebrovascular degeneration..... 2.5 %  
Diabetes mellitus..... 7.0 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 88.5%  
State ..... 10.1%  
Outside State ..... 1.4%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 6.4 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 73  
Occupancy Rate ..... 98.0 %  
Ownership/Control..... Private, For Profit  
Medicare Discharges ..... 37.2 %  
Case Mix Index (CMI) ..... 1.1933

### STAFFING:

Total Number of Physicians..... 75  
Percent of Physicians Board  
Certified Specialists ..... 60.0 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 55  
Licensed Practical Nurses ..... 10

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# DOCTORS HOSPITAL OF PINOLE

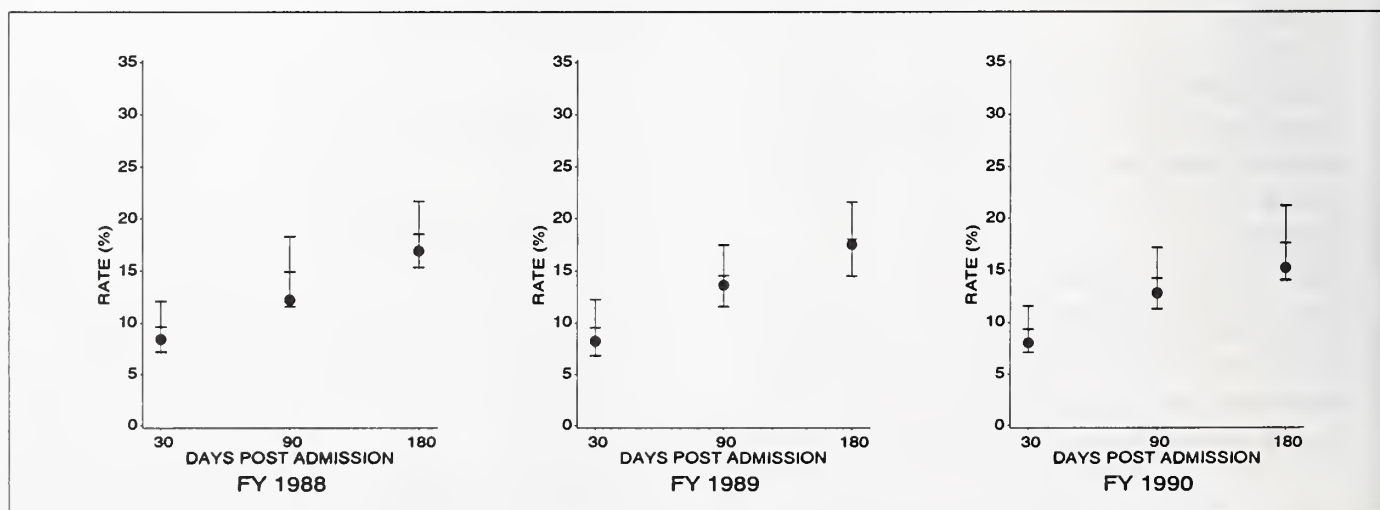
2151 APPIAN WAY  
PINOLE, CA 94564  
Medicare Provider Number: 050522

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 1312            | 8.0                 | 9.3  | 1.1  | 12.8    | 14.2 | 1.5  | 15.2     | 17.6 | 1.8  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 33              | 18.2                | 22.8 | ---- | 24.2    | 25.9 | ---- | 24.2     | 28.3 | ---- |
| Congestive Heart Failure.....              | 77              | 9.1                 | 15.2 | 6.9  | 15.6    | 24.4 | 8.1  | 23.4     | 31.2 | 7.9  |
| Pneumonia/Influenza.....                   | 51              | 11.8                | 16.2 | 5.7  | 15.7    | 22.0 | 6.9  | 27.5     | 26.0 | 6.4  |
| Chronic Obstructive Pulmonary Disease..... | 20              | 10.0                | 5.5  | ---- | 10.0    | 10.1 | ---- | 10.0     | 13.9 | ---- |
| Transient Cerebral Ischemia.....           | 9               | 0.0                 | 1.8  | ---- | 0.0     | 4.0  | ---- | 0.0      | 6.4  | ---- |
| Stroke.....                                | 57              | 12.3                | 16.5 | 6.6  | 21.1    | 22.3 | 5.6  | 26.3     | 25.7 | 6.1  |
| Hip Fracture.....                          | 21              | 0.0                 | 7.1  | ---- | 4.8     | 12.3 | ---- | 4.8      | 15.8 | ---- |
| Sepsis.....                                | 16              | 18.8                | 26.0 | ---- | 25.0    | 34.6 | ---- | 25.0     | 39.3 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 7               | 14.3                | 5.4  | ---- | 28.6    | 9.8  | ---- | 28.6     | 13.1 | ---- |
| Carotid Endarterectomy.....                | 5               | 0.0                 | 2.1  | ---- | 20.0    | 3.9  | ---- | 20.0     | 5.9  | ---- |
| Hip Replacement/Reconstruction.....        | 13              | 0.0                 | 3.1  | ---- | 0.0     | 5.5  | ---- | 0.0      | 7.0  | ---- |
| Open Reduction of Hip Fracture.....        | 14              | 0.0                 | 5.5  | ---- | 7.1     | 9.8  | ---- | 7.1      | 12.9 | ---- |
| Prostatectomy.....                         | 40              | 0.0                 | 1.0  | ---- | 0.0     | 2.2  | ---- | 0.0      | 3.8  | ---- |
| Cholecystectomy.....                       | 23              | 4.3                 | 1.9  | ---- | 4.3     | 3.7  | ---- | 4.3      | 5.0  | ---- |
| Hysterectomy.....                          | 14              | 0.0                 | 0.4  | ---- | 0.0     | 1.0  | ---- | 0.0      | 1.6  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# DOCTORS HOSPITAL OF PINOLE

Medicare Provider Number: 050522

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 73.8 years  
Proportion female..... 56.7 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 50.6 %  
Transferred from skilled nursing facility..... 0.5 %  
Admitted for elective procedure..... 20.3 %  
Admitted for emergency..... 4.0 %

### COMORBIDITIES:

Cancer..... 7.6 %  
Chronic cardiovascular disease..... 33.9 %  
Chronic liver disease..... 1.2 %  
Chronic renal disease..... 3.7 %  
Chronic pulmonary disease..... 15.2 %  
Cerebrovascular degeneration..... 2.7 %  
Diabetes mellitus..... 9.3 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 85.5%  
State ..... 13.2%  
Outside State ..... 1.3%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 7.4 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 137  
Occupancy Rate ..... 47.0 %  
Ownership/Control..... Private, For Profit  
Medicare Discharges ..... 51.6 %  
Case Mix Index (CMI) ..... 1.3377

### STAFFING:

Total Number of Physicians..... 115  
Percent of Physicians Board  
Certified Specialists ..... 73.9 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 133  
Licensed Practical Nurses..... 19

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... Yes  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# DOCTORS MEDICAL CENTER

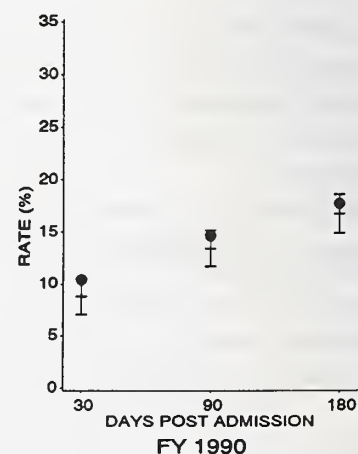
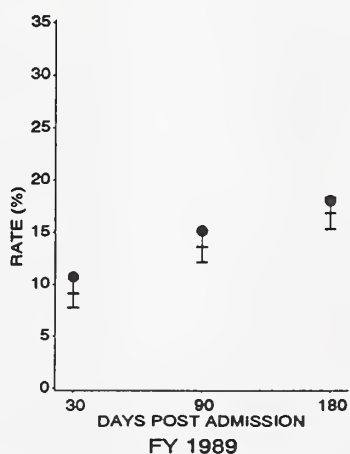
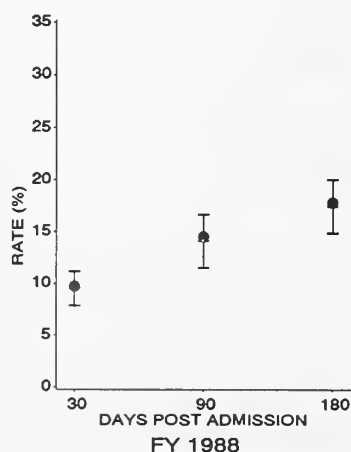
1441 FLORIDA AVENUE  
MODESTO, CA 95350  
Medicare Provider Number: 050464

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 3439            | 10.4                | 8.8  | 0.9  | 14.6    | 13.4 | 0.9  | 17.7     | 16.7 | 0.9  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 144             | 27.8                | 21.6 | 4.8  | 33.3    | 24.9 | 5.4  | 36.8     | 27.7 | 5.3  |
| Congestive Heart Failure.....              | 139             | 16.5                | 14.8 | 4.0  | 22.3    | 23.2 | 3.7  | 31.7     | 29.4 | 4.3  |
| Pneumonia/Influenza.....                   | 144             | 27.1                | 15.7 | 4.3  | 34.7    | 21.7 | 5.4  | 38.2     | 25.7 | 5.5  |
| Chronic Obstructive Pulmonary Disease..... | 23              | 13.0                | 6.8  | ---- | 17.4    | 11.5 | ---- | 21.7     | 15.2 | ---- |
| Transient Cerebral Ischemia.....           | 38              | 0.0                 | 1.6  | ---- | 0.0     | 3.4  | ---- | 0.0      | 5.7  | ---- |
| Stroke.....                                | 117             | 18.8                | 19.7 | 3.9  | 25.6    | 26.7 | 4.1  | 31.6     | 30.6 | 4.3  |
| Hip Fracture.....                          | 98              | 8.2                 | 7.0  | 2.8  | 12.2    | 12.2 | 3.3  | 14.3     | 15.8 | 3.9  |
| Sepsis.....                                | 53              | 17.0                | 22.7 | 7.7  | 34.0    | 32.3 | 6.6  | 39.6     | 37.9 | 7.0  |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 168             | 2.4                 | 2.5  | 1.4  | 3.0     | 3.3  | 1.4  | 4.2      | 4.1  | 1.5  |
| Coronary Artery Bypass Graft.....          | 219             | 6.4                 | 5.3  | 1.8  | 7.8     | 7.4  | 2.1  | 9.1      | 8.3  | 2.0  |
| Initial Pacemaker Insertion.....           | 49              | 4.1                 | 2.6  | ---- | 6.1     | 5.0  | ---- | 8.2      | 7.2  | ---- |
| Carotid Endarterectomy.....                | 47              | 0.0                 | 1.5  | ---- | 2.1     | 2.7  | ---- | 2.1      | 4.0  | ---- |
| Hip Replacement/Reconstruction.....        | 88              | 4.5                 | 3.7  | 2.2  | 8.0     | 6.6  | 3.2  | 10.2     | 8.7  | 4.4  |
| Open Reduction of Hip Fracture.....        | 47              | 8.5                 | 6.8  | ---- | 10.6    | 12.5 | ---- | 12.8     | 16.6 | ---- |
| Prostatectomy.....                         | 143             | 1.4                 | 0.9  | 0.9  | 2.1     | 2.2  | 1.3  | 2.8      | 3.9  | 1.9  |
| Cholecystectomy.....                       | 65              | 6.2                 | 3.2  | 3.4  | 7.7     | 5.7  | 4.6  | 7.7      | 7.5  | 6.6  |
| Hysterectomy.....                          | 36              | 2.8                 | 0.4  | ---- | 2.8     | 1.0  | ---- | 5.6      | 1.6  | ---- |

\* The Standard Deviation (SD) Is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# DOCTORS MEDICAL CENTER

Medicare Provider Number: 050464

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 73.4 years  
Proportion female..... 50.8 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 46.2 %  
Transferred from skilled nursing facility..... 2.6 %  
Admitted for elective procedure..... 29.2 %  
Admitted for emergency..... 2.4 %

### COMORBIDITIES:

Cancer..... 7.4 %  
Chronic cardiovascular disease..... 46.4 %  
Chronic liver disease..... 1.3 %  
Chronic renal disease..... 3.0 %  
Chronic pulmonary disease..... 23.7 %  
Cerebrovascular degeneration..... 1.8 %  
Diabetes mellitus..... 5.8 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 74.6%  
State ..... 24.5%  
Outside State ..... 0.9%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 8.0 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 364  
Occupancy Rate ..... 77.0 %  
Ownership/Control..... Private, For Profit  
Medicare Discharges ..... 38.0 %  
Case Mix Index (CMI) ..... 1.7972

### STAFFING:

Total Number of Physicians..... 321  
Percent of Physicians Board  
Certified Specialists ..... 70.4 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 725  
Licensed Practical Nurses ..... 103

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... Yes  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... Yes  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# DOMINICAN SANTA CRUZ HOSPITAL

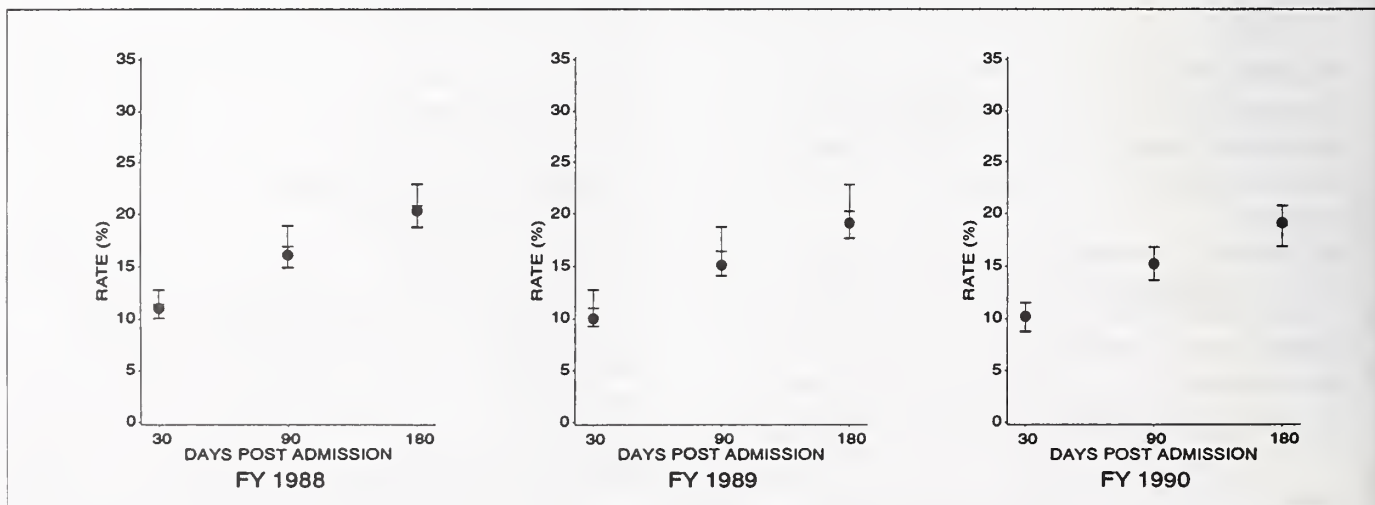
1555 SOQUEL DR  
SANTA CRUZ, CA 95065  
Medicare Provider Number: 050242

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 2523            | 10.2                | 10.1 | 0.7  | 15.2    | 15.2 | 0.8  | 19.1     | 18.8 | 1.0  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 97              | 18.6                | 20.6 | 4.4  | 22.7    | 23.9 | 4.8  | 22.7     | 26.7 | 5.3  |
| Congestive Heart Failure.....              | 134             | 17.9                | 14.1 | 4.4  | 23.9    | 22.5 | 5.4  | 32.1     | 29.2 | 6.6  |
| Pneumonia/Influenza.....                   | 139             | 16.5                | 16.2 | 3.1  | 24.5    | 22.2 | 4.1  | 30.2     | 26.4 | 5.2  |
| Chronic Obstructive Pulmonary Disease..... | 37              | 2.7                 | 6.6  | ---- | 8.1     | 11.3 | ---- | 10.8     | 15.4 | ---- |
| Transient Cerebral Ischemia.....           | 21              | 0.0                 | 1.1  | ---- | 4.8     | 2.6  | ---- | 9.5      | 4.3  | ---- |
| Stroke.....                                | 117             | 24.8                | 22.1 | 4.7  | 30.8    | 28.8 | 4.7  | 36.8     | 32.7 | 5.9  |
| Hip Fracture.....                          | 97              | 10.3                | 6.1  | 4.3  | 15.5    | 10.6 | 5.8  | 17.5     | 13.8 | 5.6  |
| Sepsis.....                                | 52              | 17.3                | 22.4 | 6.1  | 19.2    | 31.9 | 8.1  | 28.8     | 37.3 | 9.1  |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 28              | 0.0                 | 3.4  | ---- | 0.0     | 4.2  | ---- | 0.0      | 5.1  | ---- |
| Coronary Artery Bypass Graft.....          | 25              | 16.0                | 5.4  | ---- | 16.0    | 7.1  | ---- | 16.0     | 7.9  | ---- |
| Initial Pacemaker Insertion.....           | 25              | 0.0                 | 2.2  | ---- | 0.0     | 4.5  | ---- | 0.0      | 6.9  | ---- |
| Carotid Endarterectomy.....                | 7               | 0.0                 | 1.0  | ---- | 0.0     | 2.1  | ---- | 14.3     | 3.4  | ---- |
| Hip Replacement/Reconstruction.....        | 68              | 4.4                 | 2.7  | 3.4  | 7.4     | 5.0  | 4.6  | 10.3     | 6.7  | 4.6  |
| Open Reduction of Hip Fracture.....        | 53              | 7.5                 | 5.7  | 3.7  | 13.2    | 10.3 | 5.0  | 13.2     | 13.5 | 4.7  |
| Prostatectomy.....                         | 87              | 2.3                 | 0.6  | 1.6  | 3.4     | 1.5  | 2.5  | 5.7      | 2.7  | 3.1  |
| Cholecystectomy.....                       | 59              | 1.7                 | 2.2  | 2.0  | 3.4     | 4.2  | 2.7  | 6.8      | 5.6  | 3.7  |
| Hysterectomy.....                          | 24              | 0.0                 | 0.5  | ---- | 0.0     | 1.1  | ---- | 4.2      | 1.8  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# DOMINICAN SANTA CRUZ HOSPITAL

Medicare Provider Number: 050242

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 75.5 years  
Proportion female..... 57.4 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 48.1 %  
Transferred from skilled nursing facility..... 0.7 %  
Admitted for elective procedure..... 23.6 %  
Admitted for emergency..... 52.2 %

### COMORBIDITIES:

Cancer..... 8.5 %  
Chronic cardiovascular disease..... 31.9 %  
Chronic liver disease..... 1.3 %  
Chronic renal disease..... 3.6 %  
Chronic pulmonary disease..... 16.8 %  
Cerebrovascular degeneration..... 4.0 %  
Diabetes mellitus..... 4.9 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 91.3%  
State ..... 6.7%  
Outside State ..... 2.0%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 6.3 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 288  
Occupancy Rate ..... 68.0 %  
Ownership/Control..... Church  
Medicare Discharges ..... 37.1 %  
Case Mix Index (CMI) ..... 1.4142

### STAFFING:

Total Number of Physicians..... 255  
Percent of Physicians Board  
Certified Specialists..... 95.3 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 251  
Licensed Practical Nurses ..... 24

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... Yes  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... Yes  
Rehabilitation..... No  
Psychiatric ..... Yes  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used In calculating mortality rates

# DOS PALOS MEMORIAL HOSPITAL

2118 MARGUERITE ST  
DOS PALOS, CA 93620  
Medicare Provider Number: 050497

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 8                  | 12.5                | 4.9  | ---- | 12.5    | 8.1  | ---- | 12.5     | 10.4 | ---- |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Congestive Heart Failure.....              | 0                  |                     |      |      |         |      |      |          |      |      |
| Pneumonia/Influenza.....                   | 3                  | 33.3                | 7.6  | ---- | 33.3    | 10.7 | ---- | 33.3     | 12.7 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 0                  |                     |      |      |         |      |      |          |      |      |
| Transient Cerebral Ischemia.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Stroke.....                                | 0                  |                     |      |      |         |      |      |          |      |      |
| Hip Fracture.....                          | 0                  |                     |      |      |         |      |      |          |      |      |
| Sepsis.....                                | 0                  |                     |      |      |         |      |      |          |      |      |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0                  |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 0                  |                     |      |      |         |      |      |          |      |      |
| Open Reduction of Hip Fracture.....        | 0                  |                     |      |      |         |      |      |          |      |      |
| Prostatectomy.....                         | 0                  |                     |      |      |         |      |      |          |      |      |
| Cholecystectomy.....                       | 0                  |                     |      |      |         |      |      |          |      |      |
| Hysterectomy.....                          | 0                  |                     |      |      |         |      |      |          |      |      |

\* The Standard Deviation (SD) Is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES

No Graphs are presented when the standard deviation  
was not computed for one or more of the three fiscal years,  
(1988, 1989, or 1990)

# DOS PALOS MEMORIAL HOSPITAL

Medicare Provider Number: 050497

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 78.0 years  
Proportion female..... 62.5 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 100.0 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 0.0 %  
Admitted for emergency..... 100.0 %

### COMORBIDITIES:

Cancer..... 0.0 %  
Chronic cardiovascular disease..... 12.5 %  
Chronic liver disease..... 0.0 %  
Chronic renal disease..... 0.0 %  
Chronic pulmonary disease..... 0.0 %  
Cerebrovascular degeneration..... 0.0 %  
Diabetes mellitus..... 0.0 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 80.0%  
State ..... 20.0%  
Outside State ..... 0.0%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 3.9 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 17  
Ownership/Control..... Private, For Profit  
Case Mix Index (CMI) ..... 0.9029

### STAFFING:

Medical Residents/Interns ..... 0  
Registered Nurses..... 4  
Licensed Practical Nurses ..... 1

### SPECIALTY SERVICES:

Burn Unit ..... No  
Coronary Care Unit ..... No  
Hospice Care ..... No  
Intensive Care Unit ..... No  
Organ Transplant ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# EAST BAY HOSPITAL

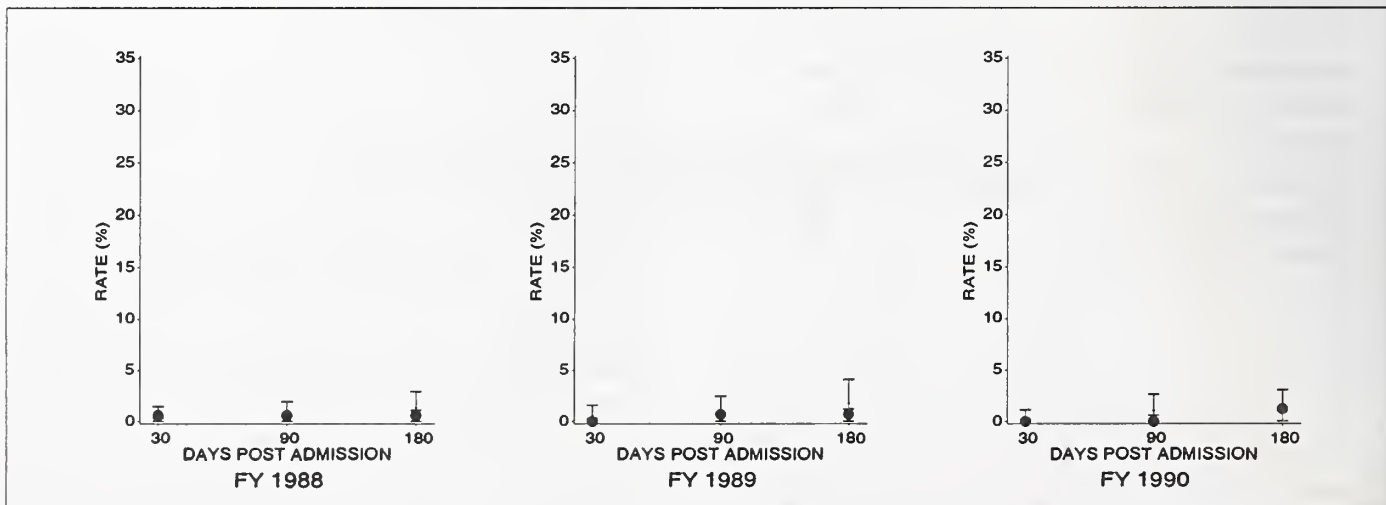
820 23RD ST  
RICHMOND, CA 94804  
Medicare Provider Number: 050661

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |     |         |      |     |          |      |     |
|--------------------------------------------|--------------------|---------------------|------|-----|---------|------|-----|----------|------|-----|
|                                            |                    | 30 DAYS             |      |     | 90 DAYS |      |     | 180 DAYS |      |     |
|                                            |                    | OBS                 | PRED | SD* | OBS     | PRED | SD* | OBS      | PRED | SD* |
| ALL CAUSES.....                            | 166                | 0.0                 | 0.2  | 0.5 | 0.0     | 0.6  | 1.0 | 1.2      | 1.0  | 1.0 |
| CONDITIONS:                                |                    |                     |      |     |         |      |     |          |      |     |
| Acute Myocardial Infarction.....           | 0                  |                     |      |     |         |      |     |          |      |     |
| Congestive Heart Failure.....              | 0                  |                     |      |     |         |      |     |          |      |     |
| Pneumonia/Influenza.....                   | 0                  |                     |      |     |         |      |     |          |      |     |
| Chronic Obstructive Pulmonary Disease..... | 0                  |                     |      |     |         |      |     |          |      |     |
| Transient Cerebral Ischemia.....           | 0                  |                     |      |     |         |      |     |          |      |     |
| Stroke.....                                | 0                  |                     |      |     |         |      |     |          |      |     |
| Hip Fracture.....                          | 0                  |                     |      |     |         |      |     |          |      |     |
| Sepsis.....                                | 0                  |                     |      |     |         |      |     |          |      |     |
| PROCEDURES:                                |                    |                     |      |     |         |      |     |          |      |     |
| Angioplasty.....                           | 0                  |                     |      |     |         |      |     |          |      |     |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |     |         |      |     |          |      |     |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |     |         |      |     |          |      |     |
| Carotid Endarterectomy.....                | 0                  |                     |      |     |         |      |     |          |      |     |
| Hip Replacement/Reconstruction.....        | 0                  |                     |      |     |         |      |     |          |      |     |
| Open Reduction of Hip Fracture.....        | 0                  |                     |      |     |         |      |     |          |      |     |
| Prostatectomy.....                         | 0                  |                     |      |     |         |      |     |          |      |     |
| Cholecystectomy.....                       | 0                  |                     |      |     |         |      |     |          |      |     |
| Hysterectomy.....                          | 0                  |                     |      |     |         |      |     |          |      |     |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





**EAST BAY HOSPITAL**  
Medicare Provider Number: 050661

**FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES**

**DEMOGRAPHICS:**

Average age at admission..... 39.8 years  
Proportion female..... 43.4 %

**ADMISSION SOURCES/TYPES:**

Referred by personal or HMO physician..... 88.6 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 0.0 %  
Admitted for emergency..... 81.3 %

**COMORBIDITIES:**

Cancer..... 0.0 %  
Chronic cardiovascular disease..... 1.8 %  
Chronic liver disease..... 0.0 %  
Chronic renal disease..... 0.0 %  
Chronic pulmonary disease..... 1.2 %  
Cerebrovascular degeneration..... 4.2 %  
Diabetes mellitus..... 0.0 %

**ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\***

**ORIGIN OF MEDICARE PATIENT ADMISSION:**

County/City..... 30.0%  
State..... 68.3%  
Outside State..... 1.7%  
Total..... 100.0%

**MEDICARE AVERAGE LENGTH OF STAY:**

Hospital..... 9.7 Days  
State..... 7.1 Days  
National..... 8.6 Days

**HOSPITAL CHARACTERISTICS\***

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1991

**PROFILE:**

Total Beds..... 87  
Ownership/Control..... Private, For Profit  
Case Mix Index (CMI)..... 0.8842

**STAFFING:**

Medical Residents/Interns..... 2  
Registered Nurses..... 9  
Licensed Practical Nurses..... 3

**SPECIALTY SERVICES:**

Burn Unit..... No  
Coronary Care Unit..... No  
Hospice Care..... No  
Intensive Care Unit..... No  
Organ Transplant..... No  
Trauma Center..... No

**OTHER SPECIALTY/HOSPITAL-BASED SERVICES:**

Alcohol/Drug..... Yes  
Rehabilitation..... No  
Psychiatric..... Yes  
Medicare Swing Beds..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# EASTERN PLUMAS DISTRICT HOSPITAL

500 FIRST AVENUE P O BOX 1075

PORTOLA, CA 96122

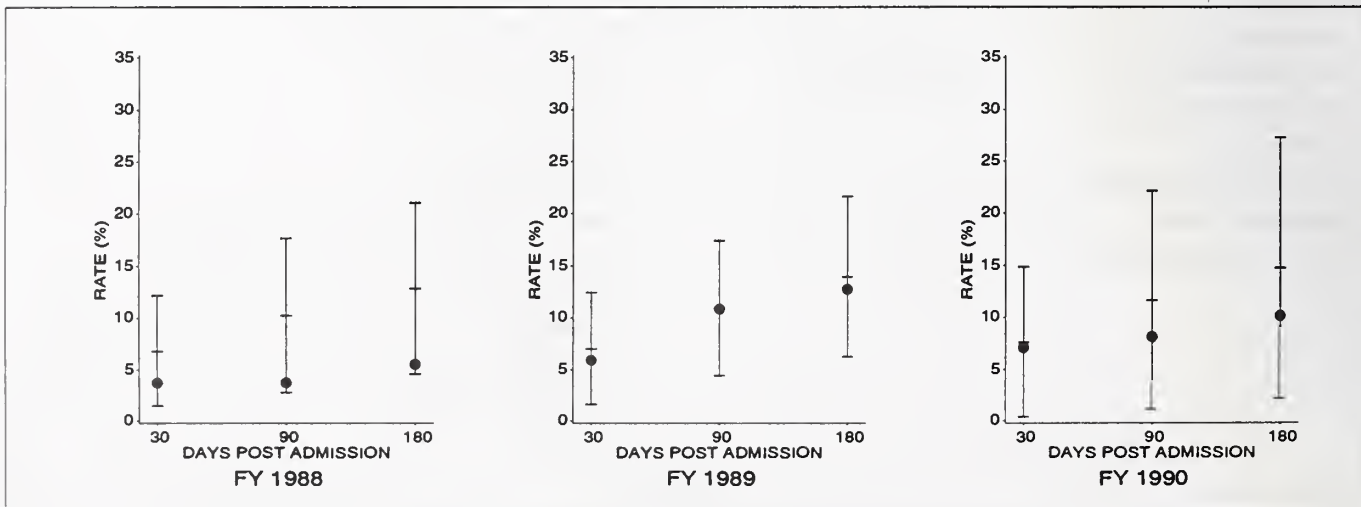
Medicare Provider Number: 050566

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 99                 | 7.1                 | 7.6  | 3.6  | 8.1     | 11.6 | 5.3  | 10.1     | 14.7 | 6.3  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 5                  | 0.0                 | 19.5 | ---- | 0.0     | 24.2 | ---- | 0.0      | 28.4 | ---- |
| Congestive Heart Failure.....              | 8                  | 0.0                 | 12.0 | ---- | 0.0     | 19.4 | ---- | 0.0      | 24.3 | ---- |
| Pneumonia/Influenza.....                   | 7                  | 14.3                | 16.7 | ---- | 28.6    | 23.8 | ---- | 42.9     | 27.4 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 4                  | 0.0                 | 8.8  | ---- | 0.0     | 14.2 | ---- | 0.0      | 18.3 | ---- |
| Transient Cerebral Ischemia.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Stroke.....                                | 1                  | 0.0                 | 23.2 | ---- | 0.0     | 29.6 | ---- | 0.0      | 32.7 | ---- |
| Hip Fracture.....                          | 0                  |                     |      |      |         |      |      |          |      |      |
| Sepsis.....                                | 0                  |                     |      |      |         |      |      |          |      |      |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0                  |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 0                  |                     |      |      |         |      |      |          |      |      |
| Open Reduction of Hip Fracture.....        | 0                  |                     |      |      |         |      |      |          |      |      |
| Prostatectomy.....                         | 0                  |                     |      |      |         |      |      |          |      |      |
| Cholecystectomy.....                       | 1                  | 0.0                 | 0.6  | ---- | 0.0     | 1.1  | ---- | 0.0      | 1.6  | ---- |
| Hysterectomy.....                          | 1                  | 0.0                 | 0.1  | ---- | 0.0     | 0.2  | ---- | 0.0      | 0.4  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# EASTERN PLUMAS DISTRICT HOSPITAL

Medicare Provider Number: 050566

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 73.3 years  
Proportion female..... 59.6 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 37.4 %  
Transferred from skilled nursing facility..... 1.0 %  
Admitted for elective procedure..... 10.1 %  
Admitted for emergency..... 1.0 %

### COMORBIDITIES:

Cancer..... 6.1 %  
Chronic cardiovascular disease..... 32.3 %  
Chronic liver disease..... 0.0 %  
Chronic renal disease..... 2.0 %  
Chronic pulmonary disease..... 22.2 %  
Cerebrovascular degeneration..... 1.0 %  
Diabetes mellitus..... 5.1 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 76.4%  
State ..... 16.7%  
Outside State ..... 6.9%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 3.4 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 24  
Occupancy Rate ..... 37.0 %  
Ownership/Control..... District/Authority  
Medicare Discharges ..... 42.0 %  
Case Mix Index (CMI) ..... 0.9377

### STAFFING:

Total Number of Physicians..... 14  
Percent of Physicians Board  
Certified Specialists ..... 78.6 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 7  
Licensed Practical Nurses ..... 7

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... No  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

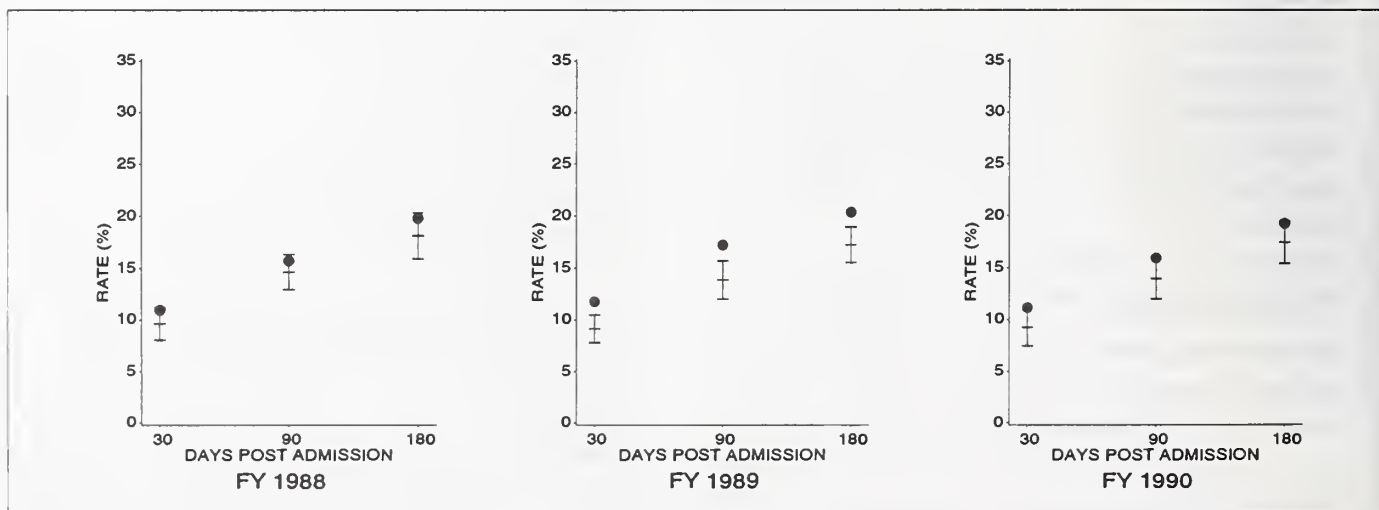
**EDEN HOSPITAL**  
 20103 LAKE CHABOT ROAD  
 CASTRO VALLEY, CA 94546  
 Medicare Provider Number: 050488

**FY 1990 MEDICARE HOSPITAL MORTALITY RATES**

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1976            | 11.1                | 9.2  | 0.9   | 15.9    | 13.9 | 1.0   | 19.2     | 17.4 | 1.0   |
| <b>CONDITIONS:</b>                         |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 45              | 22.2                | 31.8 | ----- | 26.7    | 35.1 | ----- | 33.3     | 38.0 | ----- |
| Congestive Heart Failure.....              | 132             | 20.5                | 14.3 | 4.9   | 27.3    | 22.5 | 4.6   | 29.5     | 28.5 | 4.9   |
| Pneumonia/Influenza.....                   | 69              | 20.3                | 15.8 | 6.5   | 23.2    | 21.8 | 5.7   | 26.1     | 26.0 | 5.5   |
| Chronic Obstructive Pulmonary Disease..... | 27              | 7.4                 | 6.4  | ----- | 14.8    | 11.1 | ----- | 22.2     | 15.1 | ----- |
| Transient Cerebral Ischemia.....           | 18              | 5.6                 | 1.8  | ----- | 5.6     | 4.3  | ----- | 5.6      | 7.2  | ----- |
| Stroke.....                                | 92              | 20.7                | 21.3 | 5.6   | 28.3    | 27.5 | 5.6   | 33.7     | 31.3 | 6.8   |
| Hip Fracture.....                          | 56              | 7.1                 | 6.2  | 3.4   | 8.9     | 11.1 | 4.6   | 14.3     | 14.4 | 4.8   |
| Sepsis.....                                | 18              | 50.0                | 26.9 | ----- | 55.6    | 34.0 | ----- | 55.6     | 38.1 | ----- |
| <b>PROCEDURES:</b>                         |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 21              | 0.0                 | 2.4  | ----- | 0.0     | 4.6  | ----- | 9.5      | 6.7  | ----- |
| Carotid Endarterectomy.....                | 11              | 0.0                 | 1.9  | ----- | 0.0     | 3.6  | ----- | 0.0      | 5.1  | ----- |
| Hip Replacement/Reconstruction.....        | 44              | 0.0                 | 3.0  | ----- | 2.3     | 5.5  | ----- | 4.5      | 7.4  | ----- |
| Open Reduction of Hip Fracture.....        | 28              | 7.1                 | 4.8  | ----- | 10.7    | 9.0  | ----- | 17.9     | 12.1 | ----- |
| Prostatectomy.....                         | 44              | 2.3                 | 0.6  | ----- | 2.3     | 1.4  | ----- | 2.3      | 2.5  | ----- |
| Cholecystectomy.....                       | 29              | 3.4                 | 1.6  | ----- | 3.4     | 3.2  | ----- | 3.4      | 4.6  | ----- |
| Hysterectomy.....                          | 27              | 0.0                 | 0.6  | ----- | 0.0     | 1.3  | ----- | 0.0      | 2.1  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

**OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD)  
 FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES**





**EDEN HOSPITAL**  
Medicare Provider Number: 050488

**FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES**

**DEMOGRAPHICS:**

Average age at admission..... 74.8 years  
Proportion female..... 59.0 %

**ADMISSION SOURCES/TYPES:**

Referred by personal or HMO physician..... 35.4 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 18.5 %  
Admitted for emergency..... 62.9 %

**COMORBIDITIES:**

Cancer..... 7.8 %  
Chronic cardiovascular disease..... 33.4 %  
Chronic liver disease..... 1.3 %  
Chronic renal disease..... 4.1 %  
Chronic pulmonary disease..... 14.9 %  
Cerebrovascular degeneration..... 5.7 %  
Diabetes mellitus..... 6.4 %

**ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\***

**ORIGIN OF MEDICARE PATIENT ADMISSION:**

County/City ..... 92.5%  
State ..... 6.3%  
Outside State ..... 1.2%  
Total ..... 100.0%

**MEDICARE AVERAGE LENGTH OF STAY:**

Hospital ..... 6.8 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

**HOSPITAL CHARACTERISTICS\***

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1984

**PROFILE:**

Total Beds ..... 231  
Ownership/Control..... District/Authority  
Case Mix Index (CMI) ..... 1.1753

**STAFFING:**

Medical Residents/Interns ..... 0  
Registered Nurses..... 167  
Licensed Practical Nurses ..... 23

**SPECIALTY SERVICES:**

Burn Unit ..... No  
Coronary Care Unit ..... Yes  
Hospice Care ..... No  
Intensive Care Unit ..... Yes  
Organ Transplant ..... No  
Trauma Center ..... No

**OTHER SPECIALTY/HOSPITAL-BASED SERVICES:**

Alcohol/Drug ..... No  
Rehabilitation..... Yes  
Psychiatric ..... Yes  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# EL CAMINO HOSPITAL

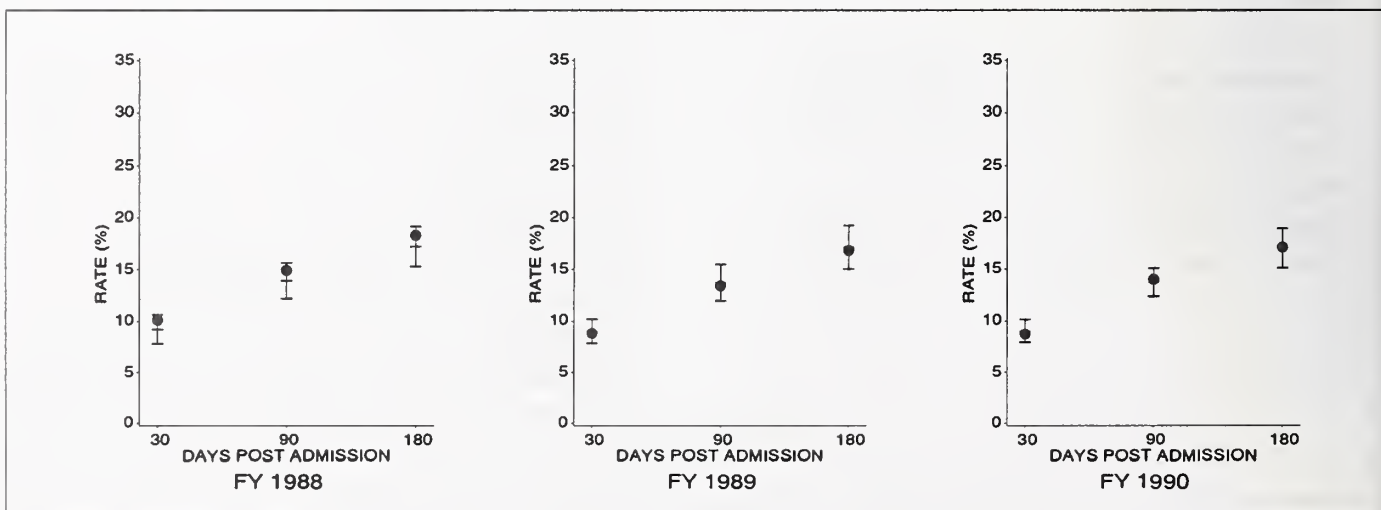
2500 GRANT RD  
MOUNTAIN VIEW, CA 94042  
Medicare Provider Number: 050308

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 3136            | 8.7                 | 9.0  | 0.6   | 14.0    | 13.7 | 0.7   | 17.1     | 17.0 | 1.0   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 108             | 17.6                | 25.8 | 5.5   | 26.9    | 28.9 | 5.2   | 31.5     | 31.6 | 5.2   |
| Congestive Heart Failure.....              | 160             | 14.4                | 14.4 | 2.9   | 25.0    | 22.5 | 4.3   | 31.9     | 28.6 | 5.7   |
| Pneumonia/Influenza.....                   | 83              | 7.2                 | 14.3 | 6.1   | 10.8    | 19.7 | 7.3   | 10.8     | 23.5 | 8.5   |
| Chronic Obstructive Pulmonary Disease..... | 31              | 19.4                | 9.9  | ----- | 35.5    | 16.9 | ----- | 45.2     | 22.1 | ----- |
| Transient Cerebral Ischemia.....           | 42              | 0.0                 | 1.5  | ----- | 2.4     | 3.5  | ----- | 2.4      | 5.9  | ----- |
| Stroke.....                                | 134             | 25.4                | 21.4 | 4.9   | 34.3    | 28.4 | 5.2   | 38.1     | 32.6 | 5.1   |
| Hip Fracture.....                          | 86              | 9.3                 | 7.8  | 3.1   | 16.3    | 13.8 | 5.7   | 25.6     | 17.9 | 6.1   |
| Sepsis.....                                | 45              | 17.8                | 23.8 | ----- | 33.3    | 30.2 | ----- | 35.6     | 34.5 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 112             | 2.7                 | 2.9  | 1.8   | 2.7     | 3.8  | 2.1   | 2.7      | 4.7  | 2.6   |
| Coronary Artery Bypass Graft.....          | 68              | 8.8                 | 4.6  | 3.1   | 8.8     | 6.7  | 3.2   | 8.8      | 7.7  | 3.3   |
| Initial Pacemaker Insertion.....           | 17              | 0.0                 | 3.1  | ----- | 0.0     | 6.2  | ----- | 0.0      | 9.1  | ----- |
| Carotid Endarterectomy.....                | 18              | 0.0                 | 1.2  | ----- | 5.6     | 2.2  | ----- | 5.6      | 3.2  | ----- |
| Hip Replacement/Reconstruction.....        | 78              | 5.1                 | 3.5  | 2.6   | 6.4     | 6.5  | 3.3   | 9.0      | 8.7  | 4.2   |
| Open Reduction of Hip Fracture.....        | 41              | 4.9                 | 7.3  | ----- | 17.1    | 13.6 | ----- | 29.3     | 18.2 | ----- |
| Prostatectomy.....                         | 160             | 0.0                 | 0.6  | 0.8   | 0.6     | 1.4  | 1.1   | 1.2      | 2.4  | 1.6   |
| Cholecystectomy.....                       | 68              | 2.9                 | 2.3  | 3.0   | 5.9     | 4.2  | 3.2   | 5.9      | 5.7  | 3.6   |
| Hysterectomy.....                          | 43              | 0.0                 | 0.8  | ----- | 0.0     | 1.9  | ----- | 0.0      | 3.1  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



**EL CAMINO HOSPITAL**  
Medicare Provider Number: 050308

**FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES**

**DEMOGRAPHICS:**

Average age at admission..... 74.9 years  
Proportion female..... 57.3 %

**ADMISSION SOURCES/TYPES:**

Referred by personal or HMO physician..... 53.3 %  
Transferred from skilled nursing facility..... 1.1 %  
Admitted for elective procedure..... 35.2 %  
Admitted for emergency..... 36.7 %

**COMORBIDITIES:**

Cancer..... 9.6 %  
Chronic cardiovascular disease..... 37.6 %  
Chronic liver disease..... 1.3 %  
Chronic renal disease..... 4.3 %  
Chronic pulmonary disease..... 14.3 %  
Cerebrovascular degeneration..... 3.5 %  
Diabetes mellitus..... 8.1 %

**ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\***

**ORIGIN OF MEDICARE PATIENT ADMISSION:**

County/City..... 89.3%  
State ..... 7.5%  
Outside State ..... 3.2%  
Total ..... 100.0%

**MEDICARE AVERAGE LENGTH OF STAY:**

Hospital ..... 6.5 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

**HOSPITAL CHARACTERISTICS\***

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

**PROFILE:**

Total Beds ..... 290  
Occupancy Rate ..... 74.0 %  
Ownership/Control..... District/Authority  
Medicare Discharges .....(Not Available)  
Case Mix Index (CMI) ..... 1.5510

**STAFFING:**

Total Number of Physicians..... (Not Available)  
Percent of Physicians Board  
Certified Specialists .....(Not Available)  
Medical Residents/Interns ..... (Not Available)  
Registered Nurses..... (Not Available)  
Licensed Practical Nurses ..... (Not Available)

**SPECIALTY SERVICES:**

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... Yes  
Trauma Center ..... No

**OTHER SPECIALTY/HOSPITAL-BASED SERVICES:**

Alcohol/Drug ..... Yes  
Rehabilitation..... No  
Psychiatric ..... Yes  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# EMANUEL MEDICAL CENTER INC

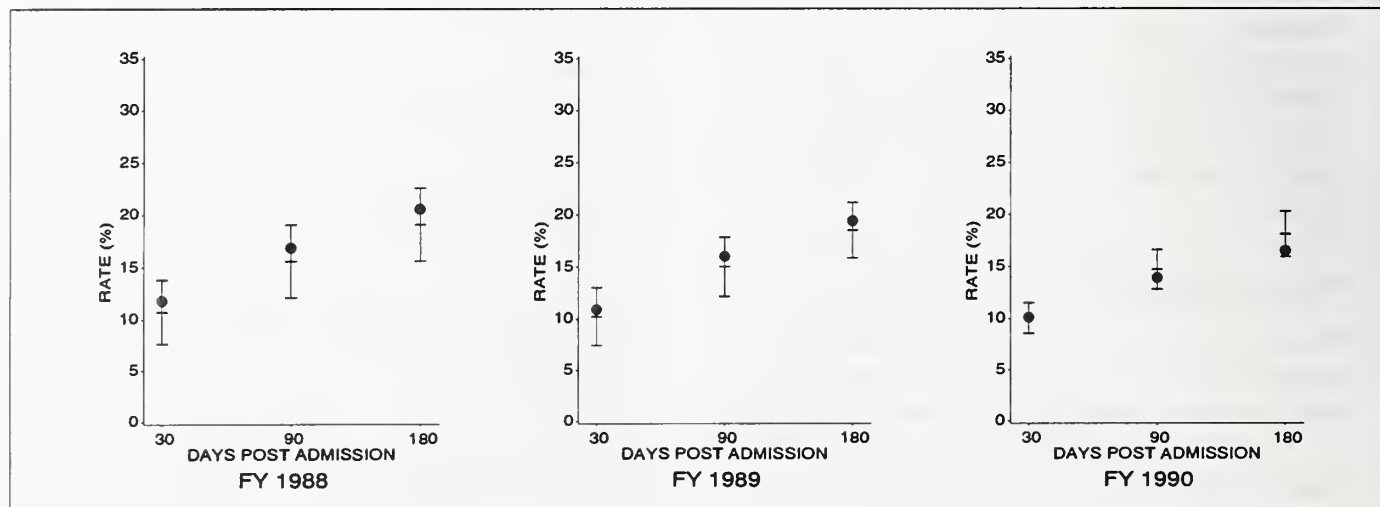
825 DELBON AVE  
TURLOCK, CA 95380  
Medicare Provider Number: 050179

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 1636            | 10.1                | 10.0 | 0.8  | 13.9    | 14.7 | 1.0  | 16.5     | 18.1 | 1.1  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 85              | 29.4                | 28.2 | 5.1  | 32.9    | 31.4 | 5.2  | 32.9     | 34.4 | 5.2  |
| Congestive Heart Failure.....              | 95              | 17.9                | 14.1 | 4.2  | 26.3    | 22.7 | 5.0  | 29.5     | 29.0 | 5.3  |
| Pneumonia/Influenza.....                   | 114             | 14.9                | 17.2 | 4.8  | 23.7    | 23.4 | 6.0  | 26.3     | 27.3 | 5.0  |
| Chronic Obstructive Pulmonary Disease..... | 16              | 0.0                 | 7.7  | ---- | 0.0     | 14.0 | ---- | 12.5     | 19.0 | ---- |
| Transient Cerebral Ischemia.....           | 21              | 0.0                 | 1.9  | ---- | 0.0     | 4.2  | ---- | 0.0      | 6.7  | ---- |
| Stroke.....                                | 76              | 18.4                | 21.6 | 5.1  | 21.1    | 28.4 | 6.6  | 23.7     | 32.2 | 7.2  |
| Hip Fracture.....                          | 47              | 4.3                 | 6.1  | ---- | 4.3     | 10.5 | ---- | 4.3      | 13.5 | ---- |
| Sepsis.....                                | 23              | 17.4                | 26.5 | ---- | 39.1    | 34.7 | ---- | 39.1     | 39.3 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 9               | 0.0                 | 4.7  | ---- | 22.2    | 9.4  | ---- | 22.2     | 13.3 | ---- |
| Carotid Endarterectomy.....                | 9               | 0.0                 | 1.2  | ---- | 0.0     | 2.4  | ---- | 0.0      | 3.7  | ---- |
| Hip Replacement/Reconstruction.....        | 33              | 3.0                 | 3.6  | ---- | 3.0     | 6.6  | ---- | 3.0      | 8.7  | ---- |
| Open Reduction of Hip Fracture.....        | 17              | 5.9                 | 5.4  | ---- | 5.9     | 9.1  | ---- | 5.9      | 11.8 | ---- |
| Prostatectomy.....                         | 62              | 0.0                 | 1.2  | 1.8  | 1.6     | 3.0  | 2.4  | 1.6      | 5.0  | 3.9  |
| Cholecystectomy.....                       | 37              | 2.7                 | 1.4  | ---- | 2.7     | 2.5  | ---- | 2.7      | 3.2  | ---- |
| Hysterectomy.....                          | 19              | 0.0                 | 1.2  | ---- | 5.3     | 2.7  | ---- | 5.3      | 4.1  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# EMANUEL MEDICAL CENTER INC

Medicare Provider Number: 050179

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 75.6 years |
| Proportion female.....        | 54.8 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 46.3 % |
| Transferred from skilled nursing facility..... | 0.6 %  |
| Admitted for elective procedure.....           | 12.2 % |
| Admitted for emergency.....                    | 19.3 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 6.9 %  |
| Chronic cardiovascular disease..... | 46.5 % |
| Chronic liver disease.....          | 0.7 %  |
| Chronic renal disease.....          | 2.0 %  |
| Chronic pulmonary disease.....      | 16.1 % |
| Cerebrovascular degeneration.....   | 1.5 %  |
| Diabetes mellitus.....              | 11.6 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 76.7%  |
| State .....         | 22.8%  |
| Outside State ..... | 0.5%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 7.4 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |        |
|----------------------------|--------|
| Total Beds .....           | 319    |
| Occupancy Rate .....       | 75.0 % |
| Ownership/Control.....     | Church |
| Medicare Discharges .....  | 38.2 % |
| Case Mix Index (CMI) ..... | 1.2471 |

### STAFFING:

|                                                           |        |
|-----------------------------------------------------------|--------|
| Total Number of Physicians.....                           | 67     |
| Percent of Physicians Board<br>Certified Specialists..... | 73.1 % |
| Medical Residents/Interns .....                           | 0      |
| Registered Nurses.....                                    | 132    |
| Licensed Practical Nurses .....                           | 50     |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | Yes |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | Yes |
| Rehabilitation.....       | No  |
| Psychiatric .....         | No  |
| Medicare Swing Beds ..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

**ESTUDILLO HOSPITAL**

345 ESTUDILLO AVENUE  
 SAN LEANDRO, CA 94577  
 Medicare Provider Number: 050665

**FY 1990 MEDICARE HOSPITAL MORTALITY RATES**

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 7                  | 0.0                 | 0.3  | ---- | 0.0     | 0.9  | ---- | 0.0      | 1.6  | ---- |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Congestive Heart Failure.....              | 0                  |                     |      |      |         |      |      |          |      |      |
| Pneumonia/Influenza.....                   | 0                  |                     |      |      |         |      |      |          |      |      |
| Chronic Obstructive Pulmonary Disease..... | 0                  |                     |      |      |         |      |      |          |      |      |
| Transient Cerebral Ischemia.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Stroke.....                                | 0                  |                     |      |      |         |      |      |          |      |      |
| Hip Fracture.....                          | 0                  |                     |      |      |         |      |      |          |      |      |
| Sepsis.....                                | 0                  |                     |      |      |         |      |      |          |      |      |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0                  |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 0                  |                     |      |      |         |      |      |          |      |      |
| Open Reduction of Hip Fracture.....        | 0                  |                     |      |      |         |      |      |          |      |      |
| Prostatectomy.....                         | 0                  |                     |      |      |         |      |      |          |      |      |
| Cholecystectomy.....                       | 0                  |                     |      |      |         |      |      |          |      |      |
| Hysterectomy.....                          | 0                  |                     |      |      |         |      |      |          |      |      |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

**OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$  SD)  
 FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES**

No Graphs are presented when the standard deviation  
 was not computed for one or more of the three fiscal years,  
 (1988, 1989, or 1990)

# ESTUDILLO HOSPITAL

Medicare Provider Number: 050665

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 77.7 years  
Proportion female..... 57.1 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 100.0 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 14.3 %  
Admitted for emergency..... 0.0 %

### COMORBIDITIES:

Cancer..... 0.0 %  
Chronic cardiovascular disease..... 0.0 %  
Chronic liver disease..... 0.0 %  
Chronic renal disease..... 0.0 %  
Chronic pulmonary disease..... 0.0 %  
Cerebrovascular degeneration..... 0.0 %  
Diabetes mellitus..... 0.0 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 88.9%  
State ..... 11.1%  
Outside State ..... 0.0%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 1.0 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1983

### PROFILE:

Total Beds ..... 6  
Ownership/Control..... Private, For Profit  
Case Mix Index (CMI) ..... 0.5929

### STAFFING:

Medical Residents/Interns ..... 0  
Registered Nurses ..... 3  
Licensed Practical Nurses ..... 0

### SPECIALTY SERVICES:

Burn Unit ..... No  
Coronary Care Unit ..... No  
Hospice Care ..... No  
Intensive Care Unit ..... No  
Organ Transplant ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# FAIRMONT HOSPITAL

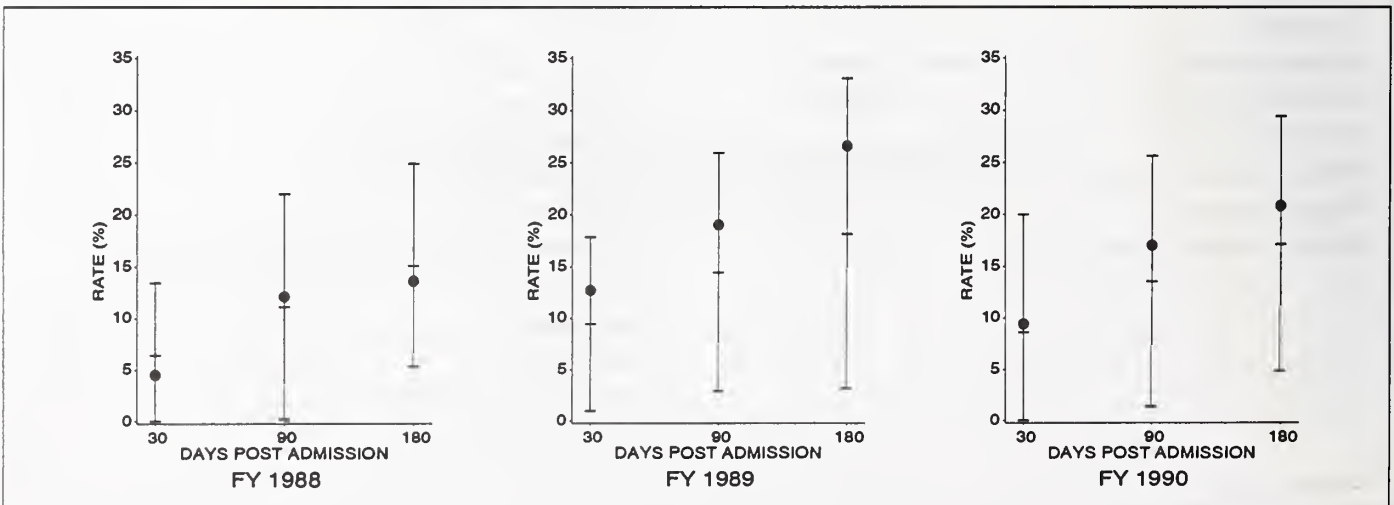
15400 FOOTHILL BLVD  
SAN LEANDRO, CA 94578  
Medicare Provider Number: 050671

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 53              | 9.4                 | 8.6  | 5.7   | 17.0    | 13.5 | 6.1   | 20.8     | 17.1 | 6.2   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 2               | 0.0                 | 19.5 | ----- | 0.0     | 23.1 | ----- | 0.0      | 25.2 | ----- |
| Congestive Heart Failure.....              | 9               | 11.1                | 9.8  | ----- | 33.3    | 17.4 | ----- | 33.3     | 23.3 | ----- |
| Pneumonia/Influenza.....                   | 4               | 0.0                 | 4.0  | ----- | 0.0     | 5.2  | ----- | 25.0     | 6.2  | ----- |
| Chronic Obstructive Pulmonary Disease..... | 1               | 0.0                 | 7.7  | ----- | 0.0     | 13.3 | ----- | 0.0      | 17.3 | ----- |
| Transient Cerebral Ischemia.....           | 1               | 0.0                 | 0.9  | ----- | 0.0     | 2.1  | ----- | 0.0      | 3.6  | ----- |
| Stroke.....                                | 2               | 50.0                | 19.6 | ----- | 50.0    | 26.2 | ----- | 50.0     | 29.9 | ----- |
| Hip Fracture.....                          | 0               |                     |      |       |         |      |       |          |      |       |
| Sepsis.....                                | 2               | 50.0                | 8.7  | ----- | 50.0    | 13.4 | ----- | 50.0     | 16.8 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 0               |                     |      |       |         |      |       |          |      |       |
| Open Reduction of Hip Fracture.....        | 0               |                     |      |       |         |      |       |          |      |       |
| Prostatectomy.....                         | 0               |                     |      |       |         |      |       |          |      |       |
| Cholecystectomy.....                       | 0               |                     |      |       |         |      |       |          |      |       |
| Hysterectomy.....                          | 0               |                     |      |       |         |      |       |          |      |       |

\* The Standard Deviation (SD) Is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# FAIRMONT HOSPITAL

Medicare Provider Number: 050671

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 61.6 years |
| Proportion female.....        | 30.2 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 15.1 % |
| Transferred from skilled nursing facility..... | 1.9 %  |
| Admitted for elective procedure.....           | 30.2 % |
| Admitted for emergency.....                    | 30.2 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 5.7 %  |
| Chronic cardiovascular disease..... | 20.8 % |
| Chronic liver disease.....          | 5.7 %  |
| Chronic renal disease.....          | 0.0 %  |
| Chronic pulmonary disease.....      | 28.3 % |
| Cerebrovascular degeneration.....   | 7.5 %  |
| Diabetes mellitus.....              | 15.1 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 89.5%  |
| State .....         | 9.3%   |
| Outside State ..... | 1.2%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |           |
|----------------|-----------|
| Hospital ..... | 11.6 Days |
| State .....    | 7.1 Days  |
| National ..... | 8.6 Days  |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                  |
|----------------------------|------------------|
| Total Beds .....           | 230              |
| Occupancy Rate .....       | 87.0 %           |
| Ownership/Control.....     | Local Government |
| Medicare Discharges .....  | 17.7 %           |
| Case Mix Index (CMI) ..... | 1.1158           |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 22     |
| Percent of Physicians Board<br>Certified Specialists ..... | 54.5 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 60     |
| Licensed Practical Nurses .....                            | 53     |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | Yes |
| Psychiatric .....         | No  |
| Medicare Swing Beds ..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# FEATHER RIVER HOSPITAL

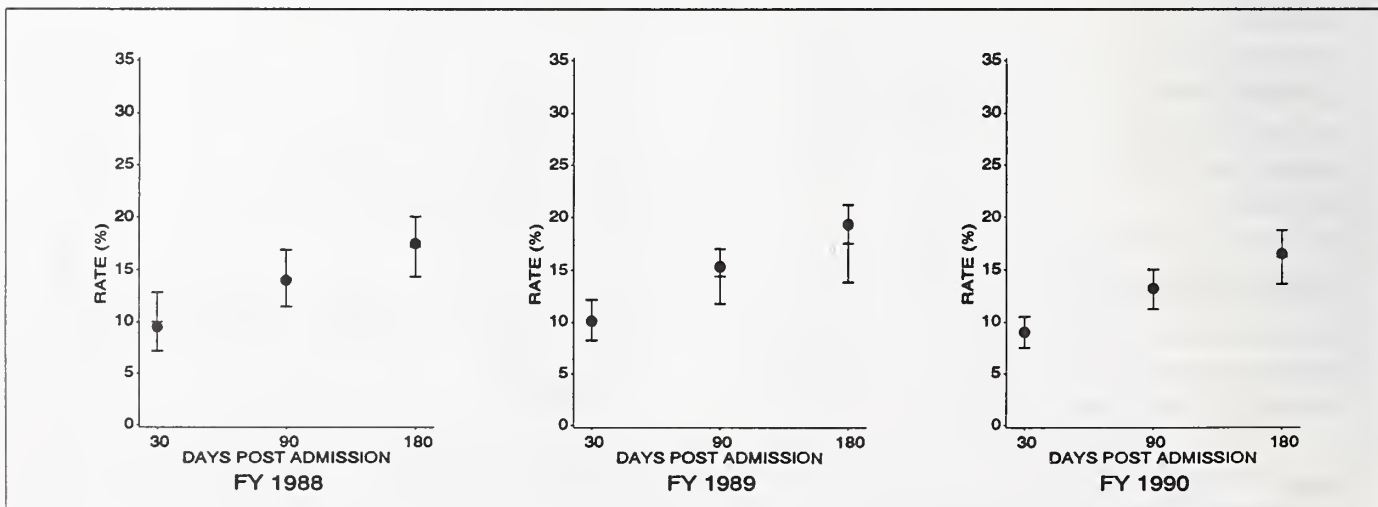
5974 PENTZ ROAD  
PARADISE, CA 95969  
Medicare Provider Number: 050225

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 1503            | 9.0                 | 9.0  | 0.7  | 13.2    | 13.1 | 1.0  | 16.5     | 16.2 | 1.3  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 45              | 15.6                | 33.2 | ---- | 20.0    | 36.6 | ---- | 24.4     | 39.8 | ---- |
| Congestive Heart Failure.....              | 78              | 10.3                | 14.7 | 8.3  | 16.7    | 22.9 | 9.4  | 23.1     | 29.1 | 9.5  |
| Pneumonia/Influenza.....                   | 95              | 16.8                | 13.6 | 5.5  | 25.3    | 19.0 | 8.0  | 28.4     | 22.7 | 8.8  |
| Chronic Obstructive Pulmonary Disease..... | 14              | 35.7                | 11.0 | ---- | 42.9    | 18.7 | ---- | 42.9     | 24.1 | ---- |
| Transient Cerebral Ischemia.....           | 36              | 0.0                 | 1.7  | ---- | 0.0     | 4.0  | ---- | 5.6      | 6.7  | ---- |
| Stroke.....                                | 67              | 11.9                | 20.1 | 7.8  | 20.9    | 25.7 | 6.4  | 25.4     | 29.3 | 6.5  |
| Hip Fracture.....                          | 51              | 9.8                 | 6.1  | 5.7  | 11.8    | 11.0 | 5.2  | 15.7     | 14.6 | 6.1  |
| Sepsis.....                                | 11              | 36.4                | 22.5 | ---- | 36.4    | 27.9 | ---- | 45.5     | 32.4 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 18              | 0.0                 | 2.1  | ---- | 0.0     | 4.4  | ---- | 0.0      | 6.8  | ---- |
| Carotid Endarterectomy.....                | 17              | 0.0                 | 1.2  | ---- | 0.0     | 2.5  | ---- | 0.0      | 3.9  | ---- |
| Hip Replacement/Reconstruction.....        | 27              | 7.4                 | 2.5  | ---- | 7.4     | 4.7  | ---- | 7.4      | 6.5  | ---- |
| Open Reduction of Hip Fracture.....        | 26              | 15.4                | 6.2  | ---- | 15.4    | 11.6 | ---- | 19.2     | 15.5 | ---- |
| Prostatectomy.....                         | 68              | 0.0                 | 0.8  | 1.9  | 2.9     | 1.9  | 1.9  | 2.9      | 3.4  | 2.5  |
| Cholecystectomy.....                       | 40              | 0.0                 | 1.7  | ---- | 0.0     | 3.6  | ---- | 0.0      | 5.1  | ---- |
| Hysterectomy.....                          | 17              | 0.0                 | 0.9  | ---- | 0.0     | 1.9  | ---- | 5.9      | 3.1  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# FEATHER RIVER HOSPITAL

Medicare Provider Number: 050225

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 75.4 years  
Proportion female..... 54.5 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 38.6 %  
Transferred from skilled nursing facility..... 1.5 %  
Admitted for elective procedure..... 20.0 %  
Admitted for emergency..... 20.0 %

### COMORBIDITIES:

Cancer..... 6.5 %  
Chronic cardiovascular disease..... 32.1 %  
Chronic liver disease..... 0.9 %  
Chronic renal disease..... 1.6 %  
Chronic pulmonary disease..... 16.9 %  
Cerebrovascular degeneration..... 3.3 %  
Diabetes mellitus..... 4.1 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 93.3%  
State ..... 5.4%  
Outside State ..... 1.3%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 6.2 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1989

### PROFILE:

Total Beds ..... 105  
Occupancy Rate ..... 57.0 %  
Ownership/Control..... Church  
Medicare Discharges ..... 51.4 %  
Case Mix Index (CMI) ..... 1.2346

### STAFFING:

Total Number of Physicians..... 48  
Percent of Physicians Board  
Certified Specialists ..... 79.2 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 141  
Licensed Practical Nurses ..... 25

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... Yes  
Rehabilitation..... No  
Psychiatric..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# FOWLER COMMUNITY HOSPITAL

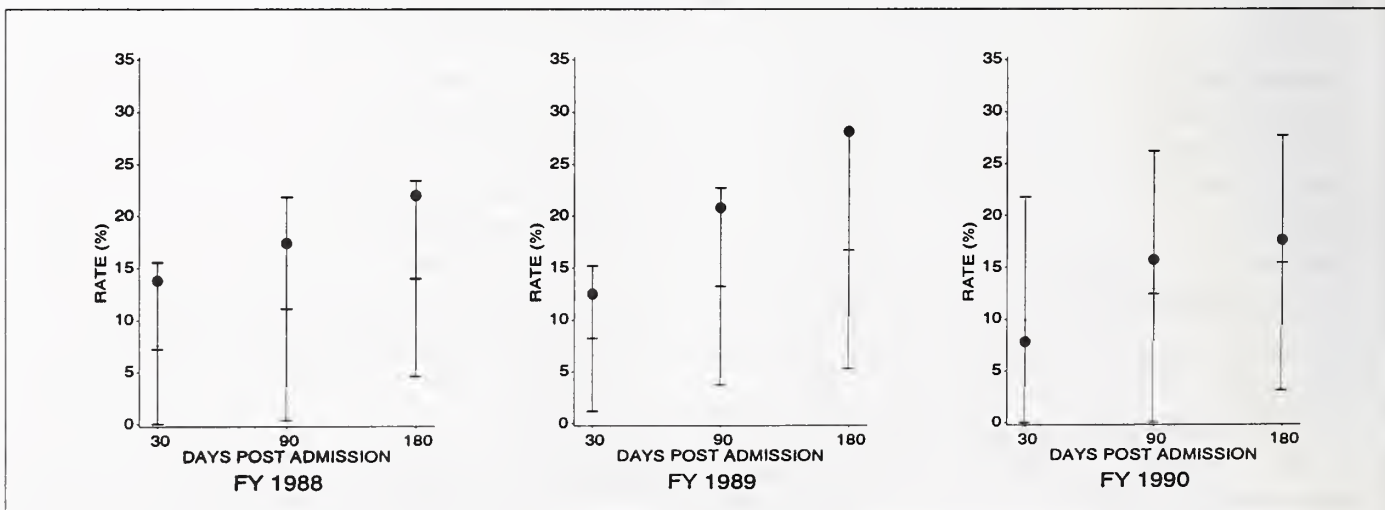
420 E MERCED ST  
FOWLER, CA 93625  
Medicare Provider Number: 050190

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 51              | 7.8                 | 8.0  | 6.9  | 15.7    | 12.4 | 6.9  | 17.6     | 15.4 | 6.1  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 0               |                     |      |      |         |      |      |          |      |      |
| Congestive Heart Failure.....              | 1               | 0.0                 | 13.8 | ---- | 0.0     | 21.3 | ---- | 0.0      | 27.2 | ---- |
| Pneumonia/Influenza.....                   | 8               | 12.5                | 13.0 | ---- | 25.0    | 18.1 | ---- | 37.5     | 21.4 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 1               | 0.0                 | 9.2  | ---- | 0.0     | 13.1 | ---- | 0.0      | 15.9 | ---- |
| Transient Cerebral Ischemia.....           | 0               |                     |      |      |         |      |      |          |      |      |
| Stroke.....                                | 1               | 100.0               | 24.0 | ---- | 100.0   | 30.2 | ---- | 100.0    | 33.7 | ---- |
| Hip Fracture.....                          | 0               |                     |      |      |         |      |      |          |      |      |
| Sepsis.....                                | 0               |                     |      |      |         |      |      |          |      |      |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0               |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 0               |                     |      |      |         |      |      |          |      |      |
| Open Reduction of Hip Fracture.....        | 0               |                     |      |      |         |      |      |          |      |      |
| Prostatectomy.....                         | 1               | 0.0                 | 0.3  | ---- | 0.0     | 0.6  | ---- | 0.0      | 1.0  | ---- |
| Cholecystectomy.....                       | 5               | 0.0                 | 2.4  | ---- | 0.0     | 4.6  | ---- | 0.0      | 5.8  | ---- |
| Hysterectomy.....                          | 1               | 0.0                 | 0.2  | ---- | 0.0     | 0.4  | ---- | 0.0      | 0.7  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# FOWLER COMMUNITY HOSPITAL

Medicare Provider Number: 050190

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 77.7 years  
Proportion female..... 58.8 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 98.0 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 5.9 %  
Admitted for emergency..... 0.0 %

### COMORBIDITIES:

Cancer..... 0.0 %  
Chronic cardiovascular disease..... 29.4 %  
Chronic liver disease..... 0.0 %  
Chronic renal disease..... 0.0 %  
Chronic pulmonary disease..... 15.7 %  
Cerebrovascular degeneration..... 0.0 %  
Diabetes mellitus..... 11.8 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 93.7%  
State ..... 6.3%  
Outside State ..... 0.0%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 4.6 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1986

### PROFILE:

Total Beds ..... 12  
Ownership/Control..... Local Government  
Case Mix Index (CMI) ..... 1.0259

### STAFFING:

Medical Residents/Interns ..... 0  
Registered Nurses..... 5  
Licensed Practical Nurses ..... 0

### SPECIALTY SERVICES:

Burn Unit ..... No  
Coronary Care Unit ..... No  
Hospice Care ..... No  
Intensive Care Unit ..... No  
Organ Transplant ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# FRANK R HOWARD MEMORIAL HOSPITAL

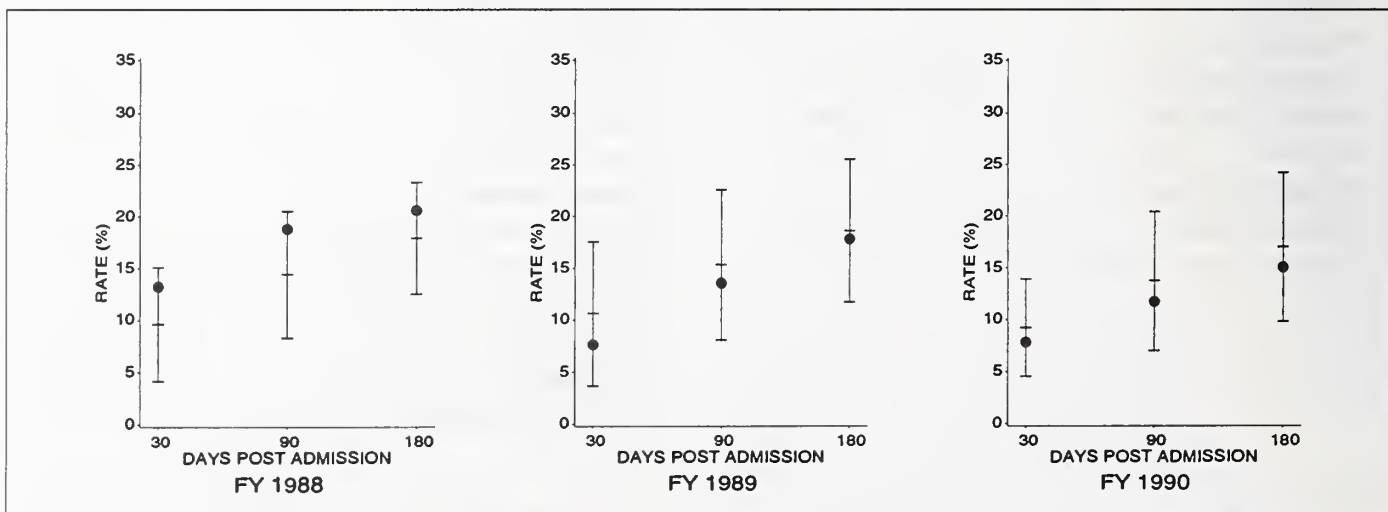
MADRONE & MANZANITA STS  
WILLITS, CA 95490  
Medicare Provider Number: 050440

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 307                | 7.8                 | 9.2  | 2.3  | 11.7    | 13.7 | 3.4  | 15.0     | 17.0 | 3.6  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 11                 | 0.0                 | 22.4 | ---- | 9.1     | 26.1 | ---- | 18.2     | 29.7 | ---- |
| Congestive Heart Failure.....              | 15                 | 13.3                | 14.8 | ---- | 26.7    | 23.9 | ---- | 26.7     | 30.1 | ---- |
| Pneumonia/Influenza.....                   | 37                 | 10.8                | 15.4 | ---- | 13.5    | 21.0 | ---- | 16.2     | 24.2 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 6                  | 0.0                 | 6.7  | ---- | 0.0     | 11.6 | ---- | 0.0      | 15.1 | ---- |
| Transient Cerebral Ischemia.....           | 6                  | 0.0                 | 1.3  | ---- | 0.0     | 3.0  | ---- | 0.0      | 5.2  | ---- |
| Stroke.....                                | 11                 | 0.0                 | 15.2 | ---- | 9.1     | 22.4 | ---- | 36.4     | 26.1 | ---- |
| Hip Fracture.....                          | 6                  | 0.0                 | 10.6 | ---- | 0.0     | 17.5 | ---- | 0.0      | 21.8 | ---- |
| Sepsis.....                                | 6                  | 0.0                 | 23.5 | ---- | 16.7    | 28.8 | ---- | 16.7     | 32.4 | ---- |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 3                  | 0.0                 | 1.1  | ---- | 0.0     | 2.2  | ---- | 0.0      | 3.5  | ---- |
| Carotid Endarterectomy.....                | 0                  |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 10                 | 0.0                 | 2.2  | ---- | 0.0     | 3.9  | ---- | 10.0     | 5.4  | ---- |
| Open Reduction of Hip Fracture.....        | 4                  | 0.0                 | 11.2 | ---- | 0.0     | 19.1 | ---- | 0.0      | 24.1 | ---- |
| Prostatectomy.....                         | 0                  |                     |      |      |         |      |      |          |      |      |
| Cholecystectomy.....                       | 4                  | 0.0                 | 1.6  | ---- | 0.0     | 2.7  | ---- | 0.0      | 3.3  | ---- |
| Hysterectomy.....                          | 4                  | 0.0                 | 1.2  | ---- | 0.0     | 2.8  | ---- | 0.0      | 4.6  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# FRANK R HOWARD MEMORIAL HOSPITAL

Medicare Provider Number: 050440

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 74.5 years  
Proportion female..... 56.4 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 41.0 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 40.1 %  
Admitted for emergency..... 51.8 %

### COMORBIDITIES:

Cancer..... 7.2 %  
Chronic cardiovascular disease..... 44.0 %  
Chronic liver disease..... 1.6 %  
Chronic renal disease..... 1.3 %  
Chronic pulmonary disease..... 18.6 %  
Cerebrovascular degeneration..... 0.7 %  
Diabetes mellitus..... 7.2 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 91.9%  
State..... 7.4%  
Outside State..... 0.7%  
Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 4.9 Days  
State..... 7.1 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds..... 28  
Occupancy Rate..... 39.0 %  
Ownership/Control..... Church  
Medicare Discharges..... 49.2 %  
Case Mix Index (CMI)..... 1.2862

### STAFFING:

Total Number of Physicians..... 12  
Percent of Physicians Board  
Certified Specialists..... 58.3 %  
Medical Residents/Interns..... 0  
Registered Nurses..... 25  
Licensed Practical Nurses..... 9

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Trauma Center..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... No  
Rehabilitation..... No  
Psychiatric..... No  
Medicare Swing Beds..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# FREMONT MEDICAL CENTER

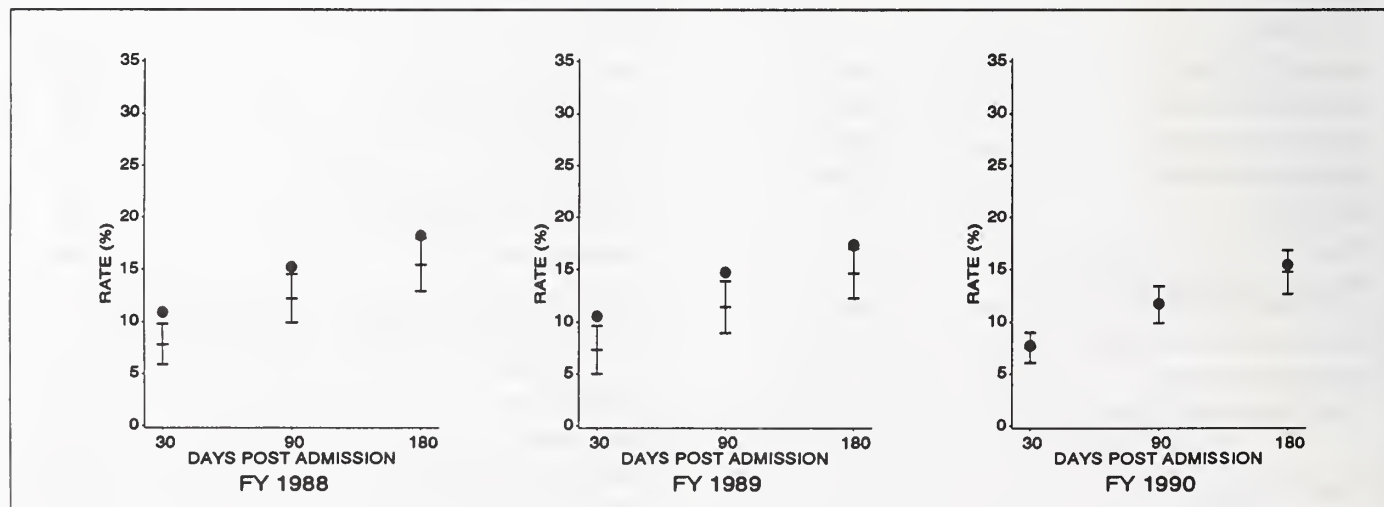
970 PLUMAS ST  
YUBA CITY, CA 95991  
Medicare Provider Number: 050207

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1324               | 7.7                 | 7.5  | 0.7   | 11.7    | 11.6 | 0.9   | 15.4     | 14.7 | 1.1   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 21                 | 28.6                | 23.2 | ----- | 38.1    | 25.9 | ----- | 38.1     | 28.4 | ----- |
| Congestive Heart Failure.....              | 54                 | 24.1                | 15.7 | 8.6   | 27.8    | 24.8 | 8.8   | 35.2     | 30.9 | 9.1   |
| Pneumonia/Influenza.....                   | 94                 | 10.6                | 12.5 | 4.3   | 13.8    | 17.7 | 5.3   | 20.2     | 21.0 | 4.3   |
| Chronic Obstructive Pulmonary Disease..... | 17                 | 5.9                 | 8.1  | ----- | 23.5    | 14.5 | ----- | 23.5     | 20.0 | ----- |
| Transient Cerebral Ischemia.....           | 14                 | 0.0                 | 1.1  | ----- | 0.0     | 2.6  | ----- | 0.0      | 4.3  | ----- |
| Stroke.....                                | 42                 | 31.0                | 16.7 | ----- | 33.3    | 22.6 | ----- | 35.7     | 26.7 | ----- |
| Hip Fracture.....                          | 22                 | 4.5                 | 5.1  | ----- | 9.1     | 9.5  | ----- | 18.2     | 12.6 | ----- |
| Sepsis.....                                | 9                  | 0.0                 | 25.6 | ----- | 0.0     | 32.1 | ----- | 11.1     | 36.8 | ----- |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 10                 | 0.0                 | 2.3  | ----- | 0.0     | 4.8  | ----- | 10.0     | 7.3  | ----- |
| Carotid Endarterectomy.....                | 21                 | 0.0                 | 1.3  | ----- | 0.0     | 2.7  | ----- | 0.0      | 4.1  | ----- |
| Hip Replacement/Reconstruction.....        | 20                 | 0.0                 | 3.1  | ----- | 0.0     | 5.9  | ----- | 5.0      | 8.0  | ----- |
| Open Reduction of Hip Fracture.....        | 12                 | 8.3                 | 3.7  | ----- | 16.7    | 7.2  | ----- | 16.7     | 9.8  | ----- |
| Prostatectomy.....                         | 61                 | 3.3                 | 1.4  | 2.5   | 8.2     | 3.0  | 4.4   | 8.2      | 4.9  | 4.4   |
| Cholecystectomy.....                       | 47                 | 2.1                 | 1.3  | ----- | 4.3     | 2.4  | ----- | 4.3      | 3.3  | ----- |
| Hysterectomy.....                          | 12                 | 0.0                 | 0.2  | ----- | 0.0     | 0.6  | ----- | 8.3      | 1.1  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# FREMONT MEDICAL CENTER

Medicare Provider Number: 050207

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 72.9 years |
| Proportion female.....        | 51.0 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 96.3 % |
| Transferred from skilled nursing facility..... | 2.7 %  |
| Admitted for elective procedure.....           | 24.7 % |
| Admitted for emergency.....                    | 4.8 %  |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 7.4 %  |
| Chronic cardiovascular disease..... | 27.1 % |
| Chronic liver disease.....          | 0.6 %  |
| Chronic renal disease.....          | 4.1 %  |
| Chronic pulmonary disease.....      | 12.4 % |
| Cerebrovascular degeneration.....   | 3.3 %  |
| Diabetes mellitus.....              | 4.9 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 51.1%  |
| State .....         | 48.2%  |
| Outside State ..... | 0.7%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 7.0 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 128                 |
| Occupancy Rate .....       | 67.0 %              |
| Ownership/Control.....     | Private, Non-Profit |
| Medicare Discharges .....  | 29.9 %              |
| Case Mix Index (CMI) ..... | 1.1481              |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 137    |
| Percent of Physicians Board<br>Certified Specialists ..... | 67.9 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 95     |
| Licensed Practical Nurses .....                            | 56     |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |    |
|---------------------------|----|
| Alcohol/Drug .....        | No |
| Rehabilitation.....       | No |
| Psychiatric .....         | No |
| Medicare Swing Beds ..... | No |

\*\* Except for CMI

\* Not used in calculating mortality rates

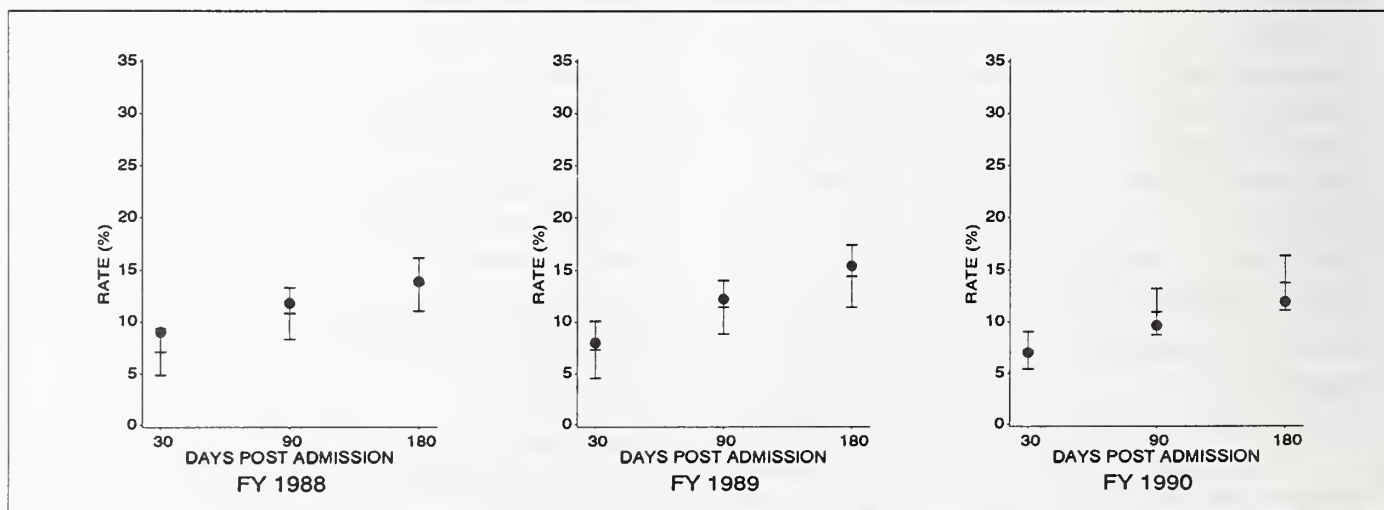
**FRENCH HOSPITAL**  
1911 JOHNSON AVE  
SAN LUIS OBISPO, CA 93401  
Medicare Provider Number: 050232

**FY 1990 MEDICARE HOSPITAL MORTALITY RATES**

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 942                | 7.0                 | 7.2  | 0.9  | 9.6     | 10.9 | 1.1  | 11.9     | 13.7 | 1.3  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 52                 | 7.7                 | 20.7 | 7.7  | 13.5    | 23.9 | 9.2  | 15.4     | 26.7 | 9.3  |
| Congestive Heart Failure.....              | 38                 | 26.3                | 10.6 | ---- | 28.9    | 17.7 | ---- | 31.6     | 23.1 | ---- |
| Pneumonia/Influenza.....                   | 24                 | 4.2                 | 10.8 | ---- | 4.2     | 15.2 | ---- | 8.3      | 18.3 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 8                  | 12.5                | 4.6  | ---- | 12.5    | 8.1  | ---- | 12.5     | 11.2 | ---- |
| Transient Cerebral Ischemia.....           | 7                  | 0.0                 | 1.3  | ---- | 0.0     | 3.1  | ---- | 0.0      | 5.5  | ---- |
| Stroke.....                                | 27                 | 22.2                | 16.1 | ---- | 25.9    | 22.3 | ---- | 33.3     | 26.1 | ---- |
| Hip Fracture.....                          | 20                 | 5.0                 | 5.2  | ---- | 10.0    | 9.4  | ---- | 10.0     | 12.6 | ---- |
| Sepsis.....                                | 3                  | 33.3                | 18.8 | ---- | 66.7    | 24.5 | ---- | 66.7     | 28.5 | ---- |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 65                 | 1.5                 | 2.6  | 2.4  | 1.5     | 3.7  | 3.3  | 3.1      | 4.7  | 4.1  |
| Coronary Artery Bypass Graft.....          | 99                 | 2.0                 | 6.8  | 3.3  | 3.0     | 9.8  | 4.5  | 4.0      | 11.0 | 4.7  |
| Initial Pacemaker Insertion.....           | 17                 | 5.9                 | 2.8  | ---- | 11.8    | 5.7  | ---- | 11.8     | 8.3  | ---- |
| Carotid Endarterectomy.....                | 10                 | 0.0                 | 1.3  | ---- | 0.0     | 2.3  | ---- | 0.0      | 3.0  | ---- |
| Hip Replacement/Reconstruction.....        | 20                 | 5.0                 | 2.7  | ---- | 5.0     | 5.1  | ---- | 5.0      | 7.0  | ---- |
| Open Reduction of Hip Fracture.....        | 13                 | 0.0                 | 4.2  | ---- | 7.7     | 7.9  | ---- | 7.7      | 10.5 | ---- |
| Prostatectomy.....                         | 19                 | 5.3                 | 0.5  | ---- | 5.3     | 1.2  | ---- | 5.3      | 2.1  | ---- |
| Cholecystectomy.....                       | 10                 | 0.0                 | 1.0  | ---- | 0.0     | 1.9  | ---- | 0.0      | 2.5  | ---- |
| Hysterectomy.....                          | 14                 | 0.0                 | 0.4  | ---- | 0.0     | 0.8  | ---- | 0.0      | 1.3  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

**OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD)  
FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES**



# FRENCH HOSPITAL

Medicare Provider Number: 050232

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 73.6 years  
 Proportion female..... 51.0 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 82.7 %  
 Transferred from skilled nursing facility..... 1.2 %  
 Admitted for elective procedure..... 11.3 %  
 Admitted for emergency..... 8.0 %

### COMORBIDITIES:

Cancer..... 6.2 %  
 Chronic cardiovascular disease..... 43.6 %  
 Chronic liver disease..... 0.5 %  
 Chronic renal disease..... 2.2 %  
 Chronic pulmonary disease..... 13.1 %  
 Cerebrovascular degeneration..... 1.2 %  
 Diabetes mellitus..... 6.1 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 87.2%  
 State ..... 10.9%  
 Outside State ..... 1.9%  
 Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 6.2 Days  
 State ..... 7.1 Days  
 National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 94  
 Occupancy Rate ..... 49.0 %  
 Ownership/Control..... Private, For Profit  
 Medicare Discharges ..... 45.8 %  
 Case Mix Index (CMI) ..... 1.8826

### STAFFING:

Total Number of Physicians..... 136  
 Percent of Physicians Board  
 Certified Specialists ..... 48.5 %  
 Medical Residents/Interns ..... 0  
 Registered Nurses..... 133  
 Licensed Practical Nurses ..... 2

### SPECIALTY SERVICES:

Burn Unit ..... No  
 Cardiac Intensive Care ..... No  
 Comprehensive Geriatric ..... No  
 Hospice Care ..... No  
 Medical/Surgical Intensive Care ..... Yes  
 Organ/Tissue Transplant ..... No  
 Other Intensive Care ..... No  
 Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
 Rehabilitation..... No  
 Psychiatric ..... Yes  
 Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# FRESNO COMMUNITY HOSPITAL & MED CENTER

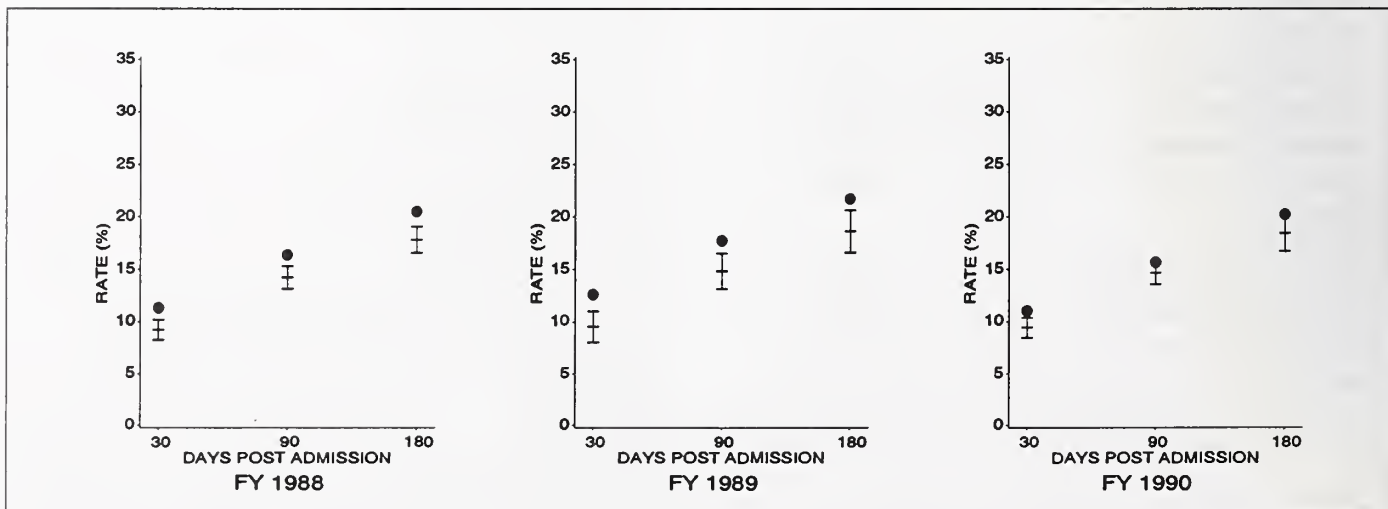
FRESNO AND "R" ST  
FRESNO, CA 93721  
Medicare Provider Number: 050060

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 4383            | 11.0                | 9.4  | 0.5  | 15.6    | 14.6 | 0.5  | 20.2     | 18.4 | 0.9  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 101             | 26.7                | 27.0 | 5.1  | 31.7    | 29.6 | 5.6  | 34.7     | 32.0 | 5.9  |
| Congestive Heart Failure.....              | 259             | 15.8                | 13.4 | 3.6  | 26.3    | 21.4 | 4.7  | 34.4     | 27.4 | 5.0  |
| Pneumonia/Influenza.....                   | 199             | 20.1                | 15.6 | 3.2  | 25.1    | 21.3 | 3.4  | 31.2     | 25.1 | 4.0  |
| Chronic Obstructive Pulmonary Disease..... | 74              | 14.9                | 9.0  | 4.8  | 16.2    | 15.4 | 5.2  | 27.0     | 20.0 | 6.6  |
| Transient Cerebral Ischemia.....           | 37              | 5.4                 | 1.7  | ---- | 5.4     | 3.7  | ---- | 10.8     | 6.1  | ---- |
| Stroke.....                                | 188             | 21.8                | 20.0 | 3.6  | 27.7    | 26.8 | 3.3  | 34.6     | 30.6 | 4.7  |
| Hip Fracture.....                          | 126             | 7.9                 | 6.5  | 2.9  | 17.5    | 11.5 | 4.8  | 19.0     | 14.9 | 5.8  |
| Sepsis.....                                | 46              | 13.0                | 19.0 | ---- | 21.7    | 25.7 | ---- | 23.9     | 30.1 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 37              | 5.4                 | 3.6  | ---- | 5.4     | 4.7  | ---- | 5.4      | 5.6  | ---- |
| Coronary Artery Bypass Graft.....          | 87              | 2.3                 | 5.3  | 3.3  | 2.3     | 7.3  | 4.3  | 2.3      | 8.2  | 4.7  |
| Initial Pacemaker Insertion.....           | 51              | 3.9                 | 2.1  | 2.5  | 3.9     | 4.5  | 4.9  | 11.8     | 6.9  | 6.5  |
| Carotid Endarterectomy.....                | 35              | 0.0                 | 1.0  | ---- | 0.0     | 1.9  | ---- | 2.9      | 2.9  | ---- |
| Hip Replacement/Reconstruction.....        | 68              | 7.4                 | 3.8  | 4.8  | 11.8    | 7.0  | 6.4  | 14.7     | 9.4  | 6.4  |
| Open Reduction of Hip Fracture.....        | 76              | 5.3                 | 5.8  | 3.1  | 14.5    | 10.7 | 4.5  | 15.8     | 14.2 | 6.8  |
| Prostatectomy.....                         | 142             | 0.7                 | 0.9  | 0.9  | 0.7     | 2.0  | 1.5  | 1.4      | 3.3  | 2.1  |
| Cholecystectomy.....                       | 105             | 1.9                 | 1.9  | 1.6  | 6.7     | 3.6  | 3.0  | 9.5      | 4.9  | 4.3  |
| Hysterectomy.....                          | 31              | 0.0                 | 0.4  | ---- | 0.0     | 0.9  | ---- | 0.0      | 1.6  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# FRESNO COMMUNITY HOSPITAL & MED CENTER

Medicare Provider Number: 050060

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 73.2 years  
Proportion female..... 53.2 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 45.2 %  
Transferred from skilled nursing facility..... 1.3 %  
Admitted for elective procedure..... 18.5 %  
Admitted for emergency..... 39.5 %

### COMORBIDITIES:

Cancer..... 8.5 %  
Chronic cardiovascular disease..... 35.1 %  
Chronic liver disease..... 1.3 %  
Chronic renal disease..... 5.5 %  
Chronic pulmonary disease..... 13.6 %  
Cerebrovascular degeneration..... 3.4 %  
Diabetes mellitus..... 12.0 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 86.1 %  
State..... 13.2 %  
Outside State..... 0.7 %  
Total..... 100.0 %

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 6.6 Days  
State..... 7.1 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds..... 458  
Occupancy Rate..... 67.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges..... 36.4 %  
Case Mix Index (CMI)..... 1.4109

### STAFFING:

Total Number of Physicians..... 371  
Percent of Physicians Board  
Certified Specialists..... 65.8 %  
Medical Residents/Interns..... 0  
Registered Nurses..... 384  
Licensed Practical Nurses..... 122

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... Yes  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... Yes  
Other Intensive Care..... Yes  
Trauma Center..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... Yes  
Rehabilitation..... Yes  
Psychiatric..... Yes  
Medicare Swing Beds..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# GENERAL HOSPITAL

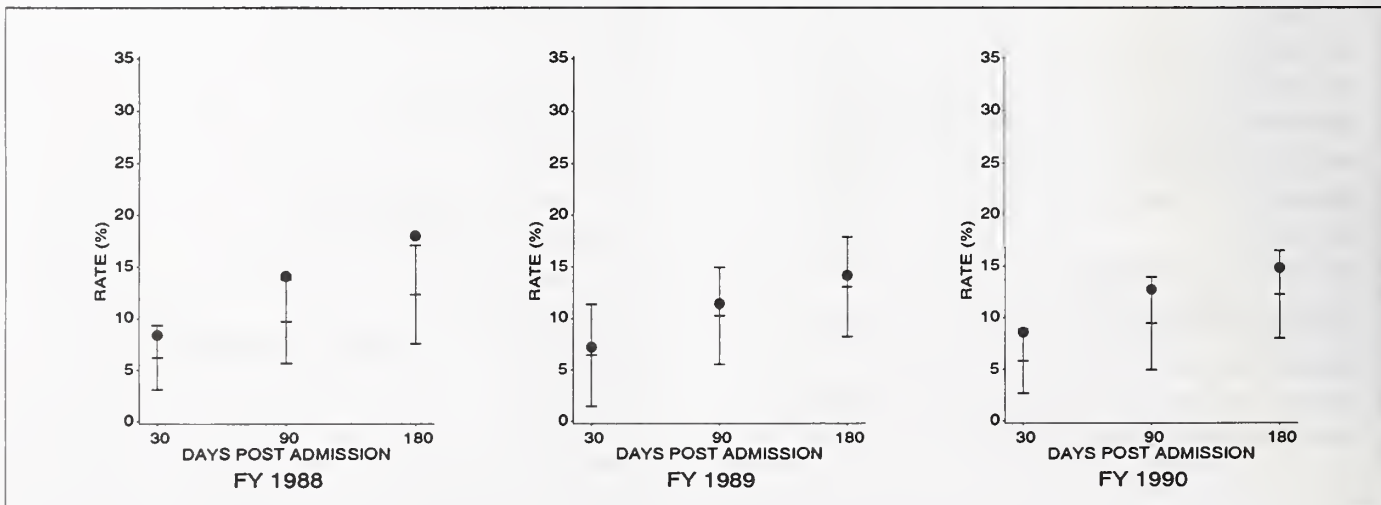
2200 HARRISON AVE  
EUREKA, CA 95501  
Medicare Provider Number: 050097

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 465             | 8.6                 | 5.8  | 1.6   | 12.7    | 9.4  | 2.3   | 14.8     | 12.2 | 2.1   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 8               | 50.0                | 19.8 | ----- | 50.0    | 22.2 | ----- | 50.0     | 24.2 | ----- |
| Congestive Heart Failure.....              | 12              | 0.0                 | 10.1 | ----- | 16.7    | 15.8 | ----- | 16.7     | 20.9 | ----- |
| Pneumonia/Influenza.....                   | 15              | 20.0                | 8.7  | ----- | 20.0    | 12.6 | ----- | 33.3     | 15.6 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 2               | 50.0                | 8.7  | ----- | 50.0    | 18.6 | ----- | 50.0     | 25.9 | ----- |
| Transient Cerebral Ischemia.....           | 3               | 33.3                | 2.1  | ----- | 33.3    | 5.0  | ----- | 33.3     | 8.6  | ----- |
| Stroke.....                                | 21              | 9.5                 | 12.4 | ----- | 14.3    | 18.6 | ----- | 19.0     | 21.9 | ----- |
| Hip Fracture.....                          | 11              | 9.1                 | 4.1  | ----- | 9.1     | 8.0  | ----- | 18.2     | 11.3 | ----- |
| Sepsis.....                                | 2               | 0.0                 | 3.8  | ----- | 0.0     | 5.7  | ----- | 0.0      | 7.6  | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 1               | 0.0                 | 4.0  | ----- | 0.0     | 7.4  | ----- | 0.0      | 10.6 | ----- |
| Carotid Endarterectomy.....                | 9               | 0.0                 | 1.0  | ----- | 0.0     | 2.0  | ----- | 0.0      | 3.2  | ----- |
| Hip Replacement/Reconstruction.....        | 13              | 0.0                 | 1.3  | ----- | 0.0     | 2.6  | ----- | 7.7      | 3.9  | ----- |
| Open Reduction of Hip Fracture.....        | 4               | 0.0                 | 4.1  | ----- | 0.0     | 7.8  | ----- | 0.0      | 10.9 | ----- |
| Prostatectomy.....                         | 48              | 0.0                 | 0.6  | ----- | 0.0     | 1.3  | ----- | 0.0      | 2.3  | ----- |
| Cholecystectomy.....                       | 15              | 6.7                 | 2.9  | ----- | 13.3    | 5.1  | ----- | 13.3     | 6.5  | ----- |
| Hysterectomy.....                          | 16              | 0.0                 | 0.6  | ----- | 0.0     | 1.4  | ----- | 0.0      | 2.3  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# GENERAL HOSPITAL

Medicare Provider Number: 050097

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 72.1 years |
| Proportion female.....        | 48.2 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 87.7 % |
| Transferred from skilled nursing facility..... | 0.0 %  |
| Admitted for elective procedure.....           | 83.9 % |
| Admitted for emergency.....                    | 8.6 %  |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 8.0 %  |
| Chronic cardiovascular disease..... | 29.0 % |
| Chronic liver disease.....          | 1.5 %  |
| Chronic renal disease.....          | 1.7 %  |
| Chronic pulmonary disease.....      | 17.2 % |
| Cerebrovascular degeneration.....   | 4.7 %  |
| Diabetes mellitus.....              | 6.9 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                    |        |
|--------------------|--------|
| County/City.....   | 89.4%  |
| State.....         | 9.2%   |
| Outside State..... | 1.4%   |
| Total.....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|               |          |
|---------------|----------|
| Hospital..... | 5.4 Days |
| State.....    | 7.1 Days |
| National..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                           |                     |
|---------------------------|---------------------|
| Total Beds.....           | 83                  |
| Occupancy Rate.....       | 50.0 %              |
| Ownership/Control.....    | Private, For Profit |
| Medicare Discharges.....  | 26.7 %              |
| Case Mix Index (CMI)..... | 1.5267              |

### STAFFING:

|                                                           |        |
|-----------------------------------------------------------|--------|
| Total Number of Physicians.....                           | 93     |
| Percent of Physicians Board<br>Certified Specialists..... | 78.5 % |
| Medical Residents/Interns.....                            | 0      |
| Registered Nurses.....                                    | 92     |
| Licensed Practical Nurses.....                            | 7      |

### SPECIALTY SERVICES:

|                                      |     |
|--------------------------------------|-----|
| Burn Unit.....                       | No  |
| Cardiac Intensive Care.....          | No  |
| Comprehensive Geriatric.....         | No  |
| Hospice Care.....                    | No  |
| Medical/Surgical Intensive Care..... | Yes |
| Organ/Tissue Transplant.....         | No  |
| Other Intensive Care.....            | No  |
| Trauma Center.....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                          |     |
|--------------------------|-----|
| Alcohol/Drug.....        | No  |
| Rehabilitation.....      | Yes |
| Psychiatric.....         | No  |
| Medicare Swing Beds..... | No  |

\*\* Except for CMI

\* Not used In calculating mortality rates

# GEORGE L MEE MEMORIAL HOSPITAL

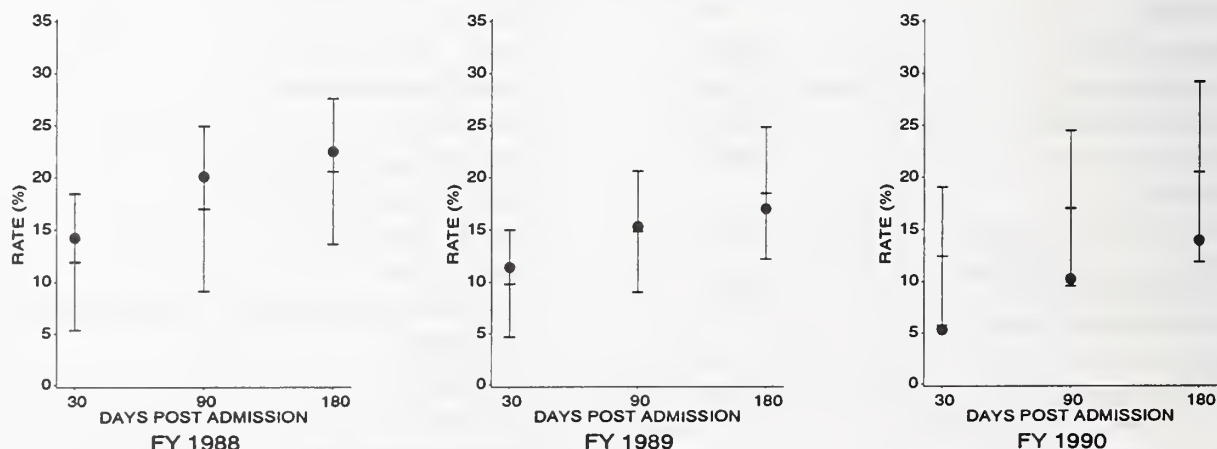
300 CANAL ST  
KING CITY, CA 93930  
Medicare Provider Number: 050189

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 187                | 5.3                 | 12.4 | 3.3   | 10.2    | 17.0 | 3.7   | 13.9     | 20.5 | 4.3   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 13                 | 46.2                | 39.8 | ----- | 46.2    | 42.7 | ----- | 46.2     | 45.6 | ----- |
| Congestive Heart Failure.....              | 9                  | 0.0                 | 13.2 | ----- | 11.1    | 20.6 | ----- | 33.3     | 26.8 | ----- |
| Pneumonia/Influenza.....                   | 12                 | 0.0                 | 20.0 | ----- | 0.0     | 26.8 | ----- | 0.0      | 30.5 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 9                  | 0.0                 | 9.5  | ----- | 11.1    | 18.0 | ----- | 11.1     | 24.4 | ----- |
| Transient Cerebral Ischemia.....           | 4                  | 0.0                 | 1.5  | ----- | 0.0     | 3.3  | ----- | 0.0      | 5.5  | ----- |
| Stroke.....                                | 7                  | 0.0                 | 28.5 | ----- | 0.0     | 37.0 | ----- | 28.6     | 42.2 | ----- |
| Hip Fracture.....                          | 1                  | 0.0                 | 2.8  | ----- | 0.0     | 4.7  | ----- | 0.0      | 6.3  | ----- |
| Sepsis.....                                | 3                  | 0.0                 | 38.0 | ----- | 33.3    | 44.2 | ----- | 33.3     | 49.4 | ----- |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0                  |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 1                  | 0.0                 | 0.7  | ----- | 0.0     | 1.5  | ----- | 0.0      | 2.3  | ----- |
| Open Reduction of Hip Fracture.....        | 1                  | 0.0                 | 2.6  | ----- | 0.0     | 4.4  | ----- | 0.0      | 6.0  | ----- |
| Prostatectomy.....                         | 0                  |                     |      |       |         |      |       |          |      |       |
| Cholecystectomy.....                       | 3                  | 0.0                 | 1.3  | ----- | 0.0     | 2.0  | ----- | 0.0      | 2.7  | ----- |
| Hysterectomy.....                          | 3                  | 0.0                 | 0.3  | ----- | 0.0     | 0.6  | ----- | 0.0      | 0.9  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# GEORGE L MEE MEMORIAL HOSPITAL

Medicare Provider Number: 050189

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 75.5 years  
Proportion female..... 56.7 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 31.6 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 0.5 %  
Admitted for emergency..... 98.9 %

### COMORBIDITIES:

Cancer..... 3.7 %  
Chronic cardiovascular disease..... 40.6 %  
Chronic liver disease..... 1.6 %  
Chronic renal disease..... 2.7 %  
Chronic pulmonary disease..... 11.2 %  
Cerebrovascular degeneration..... 4.3 %  
Diabetes mellitus..... 13.4 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 96.3%  
State ..... 3.4%  
Outside State ..... 0.3%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 4.4 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 42  
Occupancy Rate ..... 42.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... (Not Available)  
Case Mix Index (CMI) ..... 1.0217

### STAFFING:

Total Number of Physicians..... (Not Available)  
Percent of Physicians Board  
Certified Specialists ..... (Not Available)  
Medical Residents/Interns ..... (Not Available)  
Registered Nurses..... (Not Available)  
Licensed Practical Nurses ..... (Not Available)

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# GLENN GENERAL HOSPITAL

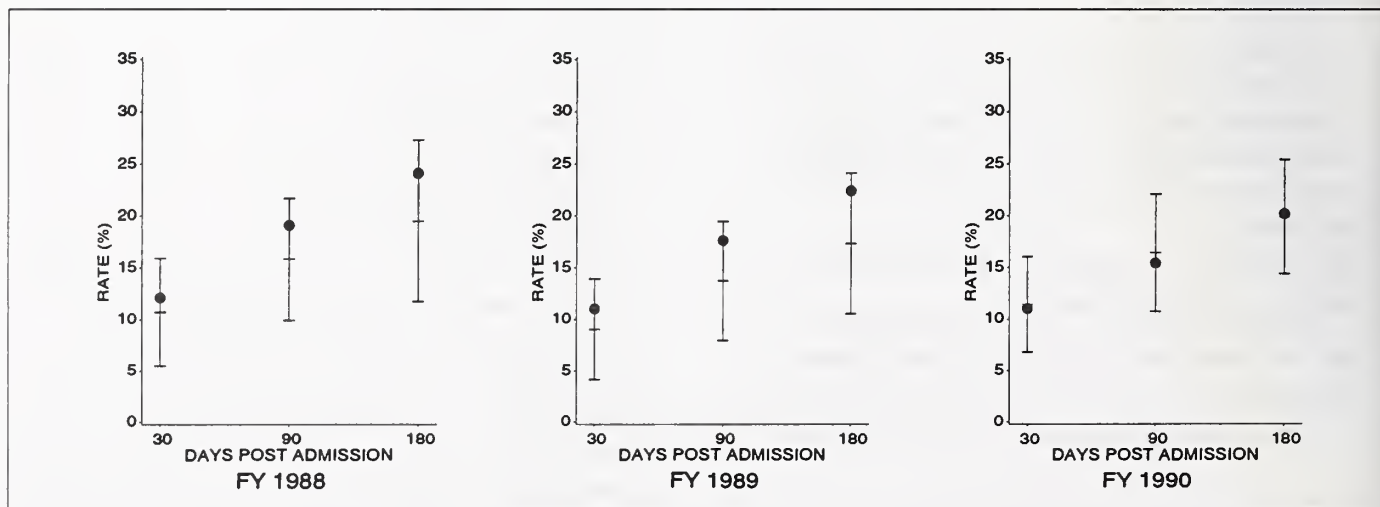
1133 W SYCAMORE ST  
WILLOWS, CA 95988  
Medicare Provider Number: 050092

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 228             | 11.0                | 11.4 | 2.3   | 15.4    | 16.4 | 2.8   | 20.2     | 19.9 | 2.8   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 15              | 20.0                | 26.7 | ----- | 26.7    | 30.4 | ----- | 33.3     | 33.6 | ----- |
| Congestive Heart Failure.....              | 11              | 9.1                 | 15.8 | ----- | 18.2    | 24.8 | ----- | 27.3     | 30.7 | ----- |
| Pneumonia/Influenza.....                   | 25              | 16.0                | 18.4 | ----- | 28.0    | 24.7 | ----- | 32.0     | 28.5 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 5               | 20.0                | 7.2  | ----- | 20.0    | 12.8 | ----- | 20.0     | 16.6 | ----- |
| Transient Cerebral Ischemia.....           | 4               | 0.0                 | 2.1  | ----- | 0.0     | 4.7  | ----- | 0.0      | 7.4  | ----- |
| Stroke.....                                | 7               | 0.0                 | 20.1 | ----- | 0.0     | 26.9 | ----- | 0.0      | 30.7 | ----- |
| Hip Fracture.....                          | 7               | 14.3                | 6.8  | ----- | 14.3    | 11.7 | ----- | 14.3     | 15.0 | ----- |
| Sepsis.....                                | 4               | 50.0                | 33.4 | ----- | 50.0    | 39.6 | ----- | 50.0     | 43.9 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 4               | 25.0                | 7.0  | ----- | 25.0    | 11.7 | ----- | 25.0     | 15.0 | ----- |
| Open Reduction of Hip Fracture.....        | 4               | 0.0                 | 3.7  | ----- | 0.0     | 7.4  | ----- | 0.0      | 9.9  | ----- |
| Prostatectomy.....                         | 3               | 0.0                 | 3.8  | ----- | 0.0     | 8.9  | ----- | 0.0      | 13.8 | ----- |
| Cholecystectomy.....                       | 2               | 0.0                 | 0.9  | ----- | 0.0     | 1.8  | ----- | 0.0      | 2.7  | ----- |
| Hysterectomy.....                          | 1               | 0.0                 | 0.1  | ----- | 0.0     | 0.2  | ----- | 0.0      | 0.4  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# GLENN GENERAL HOSPITAL

Medicare Provider Number: 050092

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 77.8 years  
Proportion female..... 54.4 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 26.8 %  
Transferred from skilled nursing facility..... 1.8 %  
Admitted for elective procedure..... 1.3 %  
Admitted for emergency..... 10.1 %

### COMORBIDITIES:

Cancer..... 3.9 %  
Chronic cardiovascular disease..... 39.5 %  
Chronic liver disease..... 0.4 %  
Chronic renal disease..... 1.3 %  
Chronic pulmonary disease..... 16.7 %  
Cerebrovascular degeneration..... 2.6 %  
Diabetes mellitus..... 1.3 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 82.8%  
State ..... 15.9%  
Outside State ..... 1.3%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 5.7 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1987

### PROFILE:

Total Beds ..... 80  
Ownership/Control..... Local Government  
Case Mix Index (CMI) ..... 0.9937

### STAFFING:

Medical Residents/Interns ..... 0  
Registered Nurses..... 21  
Licensed Practical Nurses ..... 8

### SPECIALTY SERVICES:

Burn Unit ..... No  
Coronary Care Unit ..... Yes  
Hospice Care ..... No  
Intensive Care Unit ..... Yes  
Organ Transplant ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# GOOD SAMARITAN HOSPITAL SANTA CLARA

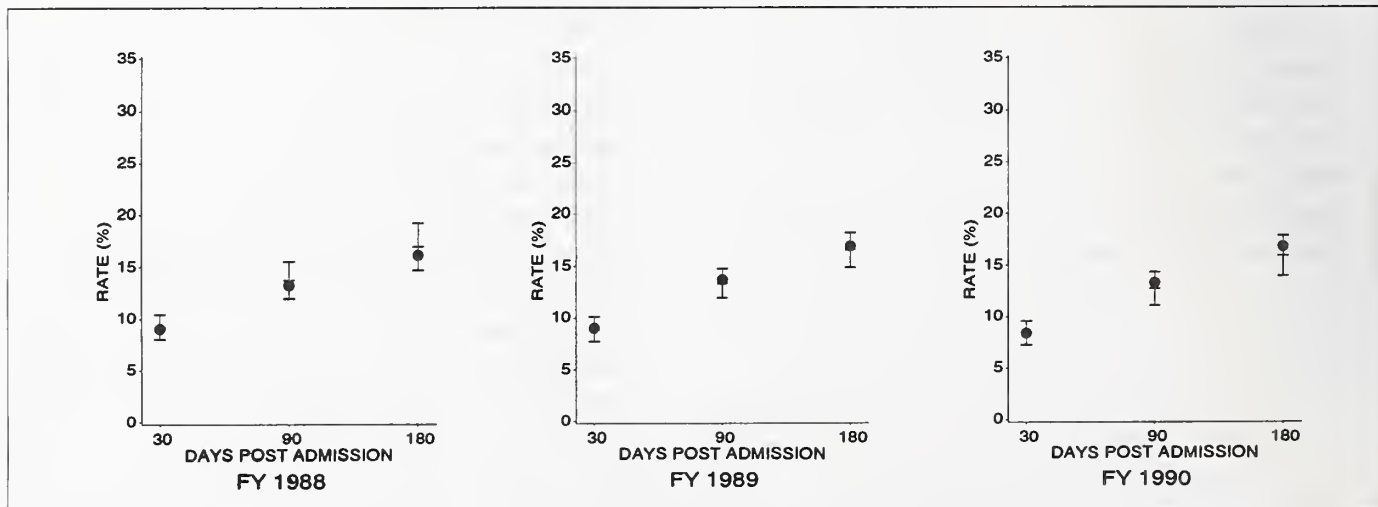
2425 SAMARITAN DR  
SAN JOSE, CA 95124  
Medicare Provider Number: 050380

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 2768            | 8.4                 | 8.4  | 0.6  | 13.3    | 12.7 | 0.8  | 16.8     | 15.9 | 1.0  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 92              | 18.5                | 23.1 | 8.3  | 22.8    | 25.8 | 8.9  | 25.0     | 28.2 | 7.6  |
| Congestive Heart Failure.....              | 128             | 15.6                | 13.7 | 3.9  | 25.8    | 21.8 | 6.1  | 31.3     | 27.7 | 6.4  |
| Pneumonia/Influenza.....                   | 88              | 17.0                | 15.2 | 4.0  | 26.1    | 20.6 | 5.0  | 30.7     | 24.1 | 5.7  |
| Chronic Obstructive Pulmonary Disease..... | 42              | 21.4                | 7.1  | ---- | 23.8    | 12.4 | ---- | 23.8     | 16.3 | ---- |
| Transient Cerebral Ischemia.....           | 31              | 6.5                 | 1.5  | ---- | 9.7     | 3.6  | ---- | 16.1     | 6.0  | ---- |
| Stroke.....                                | 117             | 19.7                | 22.1 | 4.6  | 23.9    | 28.3 | 4.9  | 28.2     | 31.9 | 5.4  |
| Hip Fracture.....                          | 79              | 7.6                 | 5.4  | 4.6  | 13.9    | 9.8  | 6.7  | 20.3     | 12.9 | 8.1  |
| Sepsis.....                                | 23              | 17.4                | 23.8 | ---- | 30.4    | 31.8 | ---- | 39.1     | 36.5 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 77              | 2.6                 | 2.9  | 2.0  | 3.9     | 3.8  | 2.2  | 3.9      | 4.7  | 3.0  |
| Coronary Artery Bypass Graft.....          | 112             | 8.0                 | 4.9  | 2.6  | 11.6    | 6.9  | 3.3  | 14.3     | 7.9  | 4.0  |
| Initial Pacemaker Insertion.....           | 28              | 0.0                 | 2.7  | ---- | 0.0     | 5.4  | ---- | 0.0      | 7.8  | ---- |
| Carotid Endarterectomy.....                | 26              | 0.0                 | 1.1  | ---- | 0.0     | 2.1  | ---- | 0.0      | 3.1  | ---- |
| Hip Replacement/Reconstruction.....        | 62              | 1.6                 | 3.1  | 2.7  | 4.8     | 5.9  | 3.7  | 9.7      | 8.0  | 3.7  |
| Open Reduction of Hip Fracture.....        | 40              | 10.0                | 4.6  | ---- | 20.0    | 8.7  | ---- | 25.0     | 11.7 | ---- |
| Prostatectomy.....                         | 96              | 1.0                 | 0.5  | 0.9  | 1.0     | 1.2  | 1.2  | 1.0      | 2.1  | 1.9  |
| Cholecystectomy.....                       | 61              | 1.6                 | 2.0  | 1.8  | 1.6     | 3.8  | 3.3  | 4.9      | 5.4  | 3.3  |
| Hysterectomy.....                          | 43              | 2.3                 | 1.0  | ---- | 4.7     | 2.4  | ---- | 9.3      | 3.9  | ---- |

\* The Standard Deviation (SD) Is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# GOOD SAMARITAN HOSPITAL SANTA CLARA

Medicare Provider Number: 050380

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 74.3 years |
| Proportion female.....        | 57.3 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 48.4 % |
| Transferred from skilled nursing facility..... | 0.9 %  |
| Admitted for elective procedure.....           | 34.4 % |
| Admitted for emergency.....                    | 31.3 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 8.5 %  |
| Chronic cardiovascular disease..... | 32.3 % |
| Chronic liver disease.....          | 0.9 %  |
| Chronic renal disease.....          | 3.3 %  |
| Chronic pulmonary disease.....      | 11.1 % |
| Cerebrovascular degeneration.....   | 3.0 %  |
| Diabetes mellitus.....              | 5.9 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 88.0%  |
| State .....         | 9.1%   |
| Outside State ..... | 2.9%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 7.1 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 419                 |
| Occupancy Rate .....       | 62.0 %              |
| Ownership/Control.....     | Private, Non-Profit |
| Medicare Discharges .....  | 26.6 %              |
| Case Mix Index (CMI) ..... | 1.5764              |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 497    |
| Percent of Physicians Board<br>Certified Specialists ..... | 68.0 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 492    |
| Licensed Practical Nurses .....                            | 30     |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | Yes |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | Yes |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | Yes |
| Rehabilitation.....       | No  |
| Psychiatric .....         | Yes |
| Medicare Swing Beds ..... | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# HANFORD COMMUNITY MEDICAL CENTER

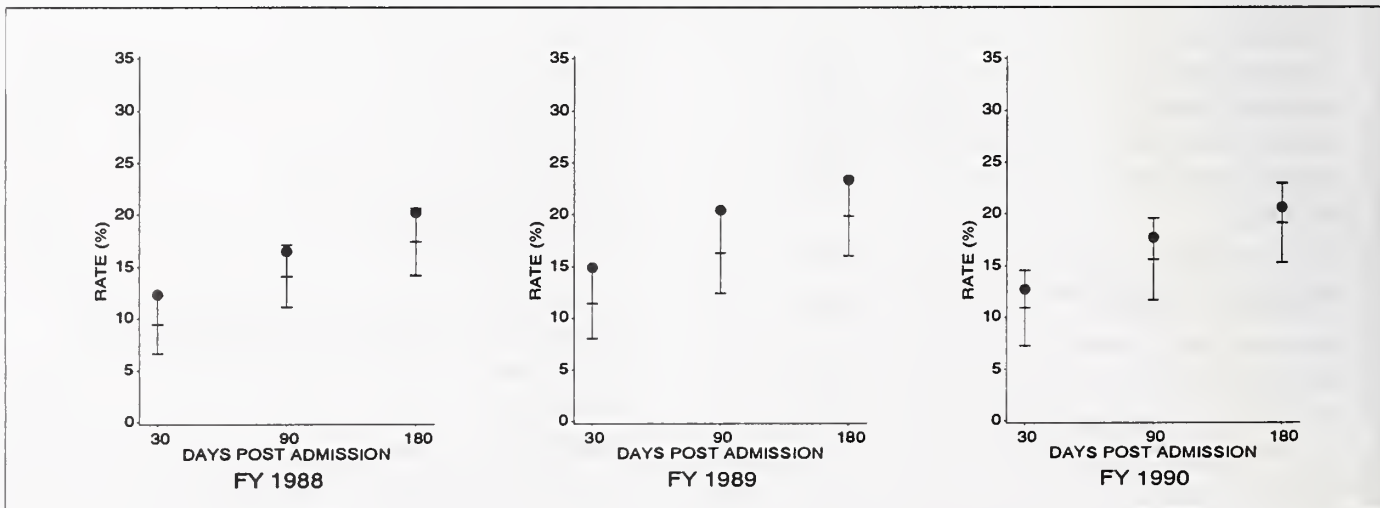
450 GREENFIELD AVE  
HANFORD, CA 93230  
Medicare Provider Number: 050121

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 804             | 12.7                | 10.9 | 1.8  | 17.7    | 15.6 | 2.0  | 20.6     | 19.1 | 1.9  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 48              | 25.0                | 23.7 | ---- | 31.3    | 26.6 | ---- | 35.4     | 29.3 | ---- |
| Congestive Heart Failure.....              | 88              | 14.8                | 12.9 | 4.3  | 21.6    | 20.3 | 4.7  | 26.1     | 26.1 | 5.1  |
| Pneumonia/Influenza.....                   | 45              | 17.8                | 16.0 | ---- | 33.3    | 21.5 | ---- | 35.6     | 25.1 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 5               | 40.0                | 13.4 | ---- | 40.0    | 20.3 | ---- | 40.0     | 24.2 | ---- |
| Transient Cerebral Ischemia.....           | 5               | 0.0                 | 1.3  | ---- | 0.0     | 2.9  | ---- | 0.0      | 4.6  | ---- |
| Stroke.....                                | 44              | 18.2                | 23.0 | ---- | 27.3    | 30.0 | ---- | 34.1     | 33.6 | ---- |
| Hip Fracture.....                          | 32              | 12.5                | 8.4  | ---- | 18.8    | 14.1 | ---- | 21.9     | 18.3 | ---- |
| Sepsis.....                                | 5               | 20.0                | 38.4 | ---- | 20.0    | 44.9 | ---- | 20.0     | 49.3 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 16              | 0.0                 | 2.7  | ---- | 6.3     | 5.6  | ---- | 6.3      | 8.3  | ---- |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 19              | 10.5                | 3.1  | ---- | 10.5    | 5.4  | ---- | 10.5     | 7.3  | ---- |
| Open Reduction of Hip Fracture.....        | 20              | 10.0                | 8.2  | ---- | 15.0    | 14.7 | ---- | 20.0     | 19.3 | ---- |
| Prostatectomy.....                         | 15              | 0.0                 | 0.5  | ---- | 0.0     | 1.0  | ---- | 0.0      | 1.7  | ---- |
| Cholecystectomy.....                       | 16              | 12.5                | 2.2  | ---- | 18.8    | 4.4  | ---- | 25.0     | 6.2  | ---- |
| Hysterectomy.....                          | 9               | 0.0                 | 0.9  | ---- | 0.0     | 2.1  | ---- | 0.0      | 3.5  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# HANFORD COMMUNITY MEDICAL CENTER

Medicare Provider Number: 050121

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 74.6 years  
Proportion female..... 54.4 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 43.3 %  
Transferred from skilled nursing facility..... 0.4 %  
Admitted for elective procedure..... 19.4 %  
Admitted for emergency..... 72.4 %

### COMORBIDITIES:

Cancer..... 8.6 %  
Chronic cardiovascular disease..... 52.6 %  
Chronic liver disease..... 1.6 %  
Chronic renal disease..... 3.6 %  
Chronic pulmonary disease..... 9.0 %  
Cerebrovascular degeneration..... 0.9 %  
Diabetes mellitus..... 11.2 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 85.7%  
State..... 12.9%  
Outside State..... 1.4%  
Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 6.0 Days  
State..... 7.1 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1986

### PROFILE:

Total Beds..... 54  
Ownership/Control..... Church  
Case Mix Index (CMI)..... 1.2093

### STAFFING:

Medical Residents/Interns..... 0  
Registered Nurses..... 47  
Licensed Practical Nurses..... 16

### SPECIALTY SERVICES:

Burn Unit..... No  
Coronary Care Unit..... No  
Hospice Care..... No  
Intensive Care Unit..... Yes  
Organ Transplant..... No  
Trauma Center..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... No  
Rehabilitation..... No  
Psychiatric..... No  
Medicare Swing Beds..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# HAZEL HAWKINS MEMORIAL HOSPITAL

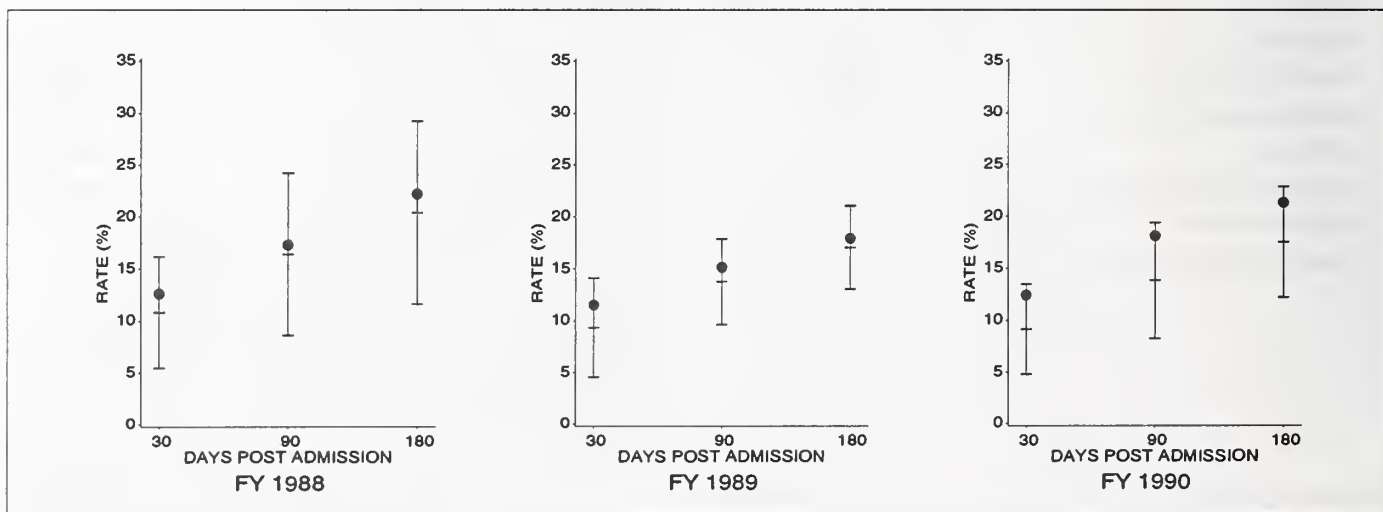
911 SUNSET DRIVE  
HOLLISTER, CA 95023  
Medicare Provider Number: 050296

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 404                | 12.4                | 9.1  | 2.2  | 18.1    | 13.8 | 2.8  | 21.3     | 17.5 | 2.7  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 15                 | 20.0                | 23.0 | ---- | 20.0    | 25.5 | ---- | 33.3     | 27.8 | ---- |
| Congestive Heart Failure.....              | 23                 | 17.4                | 15.1 | ---- | 30.4    | 22.0 | ---- | 30.4     | 28.0 | ---- |
| Pneumonia/Influenza.....                   | 37                 | 10.8                | 13.7 | ---- | 16.2    | 18.8 | ---- | 16.2     | 22.1 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 9                  | 44.4                | 9.3  | ---- | 44.4    | 16.3 | ---- | 55.6     | 21.6 | ---- |
| Transient Cerebral Ischemia.....           | 6                  | 0.0                 | 2.1  | ---- | 16.7    | 5.1  | ---- | 16.7     | 8.9  | ---- |
| Stroke.....                                | 22                 | 13.6                | 16.6 | ---- | 22.7    | 22.2 | ---- | 31.8     | 25.9 | ---- |
| Hip Fracture.....                          | 12                 | 8.3                 | 5.3  | ---- | 16.7    | 9.7  | ---- | 25.0     | 13.1 | ---- |
| Sepsis.....                                | 5                  | 0.0                 | 19.8 | ---- | 20.0    | 25.2 | ---- | 20.0     | 28.7 | ---- |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 5                  | 0.0                 | 3.4  | ---- | 0.0     | 6.5  | ---- | 20.0     | 9.0  | ---- |
| Carotid Endarterectomy.....                | 0                  |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 8                  | 0.0                 | 3.9  | ---- | 12.5    | 7.6  | ---- | 25.0     | 11.0 | ---- |
| Open Reduction of Hip Fracture.....        | 3                  | 33.3                | 9.5  | ---- | 66.7    | 18.3 | ---- | 66.7     | 24.8 | ---- |
| Prostatectomy.....                         | 4                  | 0.0                 | 0.7  | ---- | 0.0     | 1.2  | ---- | 0.0      | 1.9  | ---- |
| Cholecystectomy.....                       | 3                  | 33.3                | 6.1  | ---- | 33.3    | 11.5 | ---- | 33.3     | 14.4 | ---- |
| Hysterectomy.....                          | 5                  | 0.0                 | 0.3  | ---- | 0.0     | 0.8  | ---- | 0.0      | 1.5  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# HAZEL HAWKINS MEMORIAL HOSPITAL

Medicare Provider Number: 050296

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 76.6 years  
Proportion female..... 55.7 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 59.7 %  
Transferred from skilled nursing facility..... 0.5 %  
Admitted for elective procedure..... 8.7 %  
Admitted for emergency..... 24.3 %

### COMORBIDITIES:

Cancer..... 7.4 %  
Chronic cardiovascular disease..... 46.8 %  
Chronic liver disease..... 0.5 %  
Chronic renal disease..... 2.2 %  
Chronic pulmonary disease..... 16.3 %  
Cerebrovascular degeneration..... 4.5 %  
Diabetes mellitus..... 8.4 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 90.1%  
State ..... 8.8%  
Outside State ..... 1.1%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 4.4 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 90  
Occupancy Rate ..... 75.0 %  
Ownership/Control..... District/Authority  
Medicare Discharges ..... 31.0 %  
Case Mix Index (CMI) ..... 1.1852

### STAFFING:

Total Number of Physicians..... 22  
Percent of Physicians Board  
Certified Specialists ..... 77.3 %  
Medical Residents/Interns ..... 0  
Registered Nurses ..... 33  
Licensed Practical Nurses ..... 9

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# HEALDSBURG GENERAL HOSPITAL

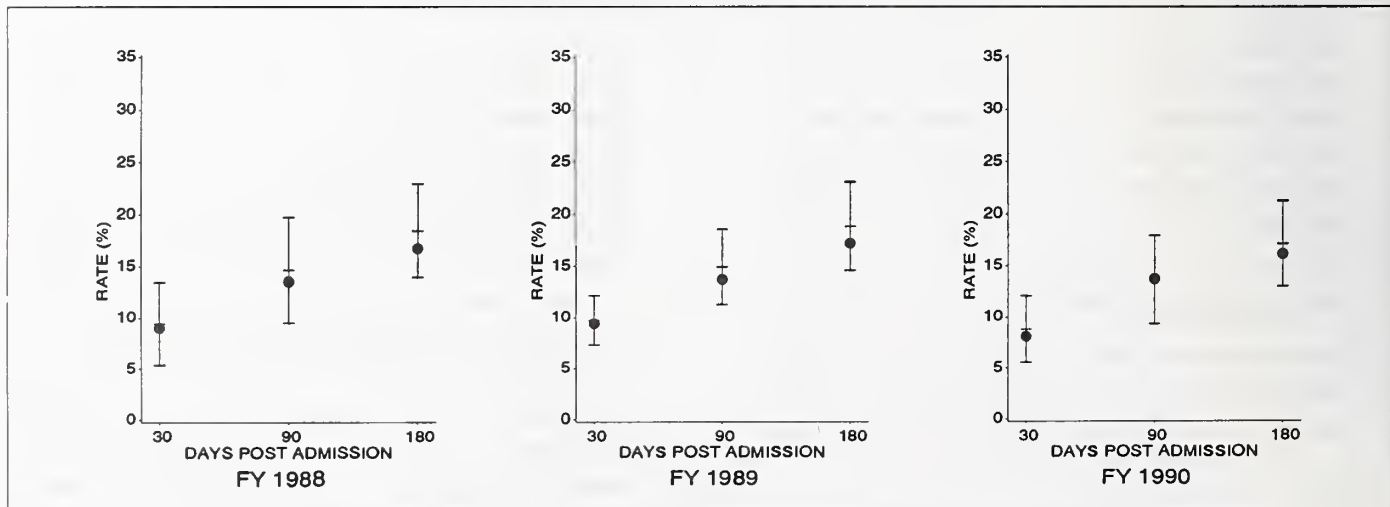
1375 UNIVERSITY AVE  
HEALDSBURG, CA 95448  
Medicare Provider Number: 050331

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 678                | 8.1                 | 8.8  | 1.6   | 13.7    | 13.6 | 2.2   | 16.1     | 17.1 | 2.1   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 16                 | 18.8                | 27.2 | ----- | 18.8    | 31.0 | ----- | 25.0     | 33.7 | ----- |
| Congestive Heart Failure.....              | 38                 | 18.4                | 16.1 | ----- | 21.1    | 25.9 | ----- | 21.1     | 32.8 | ----- |
| Pneumonia/Influenza.....                   | 37                 | 10.8                | 13.1 | ----- | 16.2    | 18.5 | ----- | 18.9     | 22.3 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 12                 | 0.0                 | 8.8  | ----- | 8.3     | 14.5 | ----- | 16.7     | 18.9 | ----- |
| Transient Cerebral Ischemia.....           | 16                 | 0.0                 | 1.8  | ----- | 0.0     | 4.3  | ----- | 6.3      | 7.1  | ----- |
| Stroke.....                                | 31                 | 22.6                | 16.8 | ----- | 38.7    | 23.3 | ----- | 41.9     | 27.0 | ----- |
| Hip Fracture.....                          | 19                 | 15.8                | 8.6  | ----- | 26.3    | 14.6 | ----- | 31.6     | 18.5 | ----- |
| Sepsis.....                                | 6                  | 33.3                | 28.6 | ----- | 50.0    | 38.2 | ----- | 50.0     | 43.1 | ----- |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 10                 | 10.0                | 4.2  | ----- | 10.0    | 8.6  | ----- | 10.0     | 12.5 | ----- |
| Carotid Endarterectomy.....                | 3                  | 0.0                 | 1.4  | ----- | 33.3    | 2.5  | ----- | 33.3     | 3.7  | ----- |
| Hip Replacement/Reconstruction.....        | 13                 | 0.0                 | 5.7  | ----- | 15.4    | 9.9  | ----- | 23.1     | 12.6 | ----- |
| Open Reduction of Hip Fracture.....        | 8                  | 25.0                | 8.1  | ----- | 25.0    | 14.1 | ----- | 25.0     | 18.1 | ----- |
| Prostatectomy.....                         | 10                 | 0.0                 | 1.5  | ----- | 0.0     | 3.5  | ----- | 0.0      | 5.9  | ----- |
| Cholecystectomy.....                       | 25                 | 0.0                 | 3.4  | ----- | 4.0     | 6.0  | ----- | 4.0      | 7.4  | ----- |
| Hysterectomy.....                          | 11                 | 0.0                 | 1.1  | ----- | 0.0     | 2.4  | ----- | 0.0      | 3.7  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# HEALDSBURG GENERAL HOSPITAL

Medicare Provider Number: 050331

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 76.4 years |
| Proportion female.....        | 61.7 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 54.9 % |
| Transferred from skilled nursing facility..... | 0.0 %  |
| Admitted for elective procedure.....           | 17.4 % |
| Admitted for emergency.....                    | 45.3 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 7.1 %  |
| Chronic cardiovascular disease..... | 42.3 % |
| Chronic liver disease.....          | 1.0 %  |
| Chronic renal disease.....          | 1.2 %  |
| Chronic pulmonary disease.....      | 18.3 % |
| Cerebrovascular degeneration.....   | 3.4 %  |
| Diabetes mellitus.....              | 5.9 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 93.2%  |
| State .....         | 5.1 %  |
| Outside State ..... | 1.7 %  |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 4.9 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 49                  |
| Occupancy Rate .....       | 49.0 %              |
| Ownership/Control.....     | Private, For Profit |
| Medicare Discharges .....  | 49.0 %              |
| Case Mix Index (CMI) ..... | 1.2903              |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 46     |
| Percent of Physicians Board<br>Certified Specialists ..... | 93.5 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 73     |
| Licensed Practical Nurses .....                            | 9      |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | Yes |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |    |
|---------------------------|----|
| Alcohol/Drug .....        | No |
| Rehabilitation.....       | No |
| Psychiatric .....         | No |
| Medicare Swing Beds ..... | No |

\*\* Except for CMI

\* Not used in calculating mortality rates

# HIGHLAND GENERAL HOSPITAL

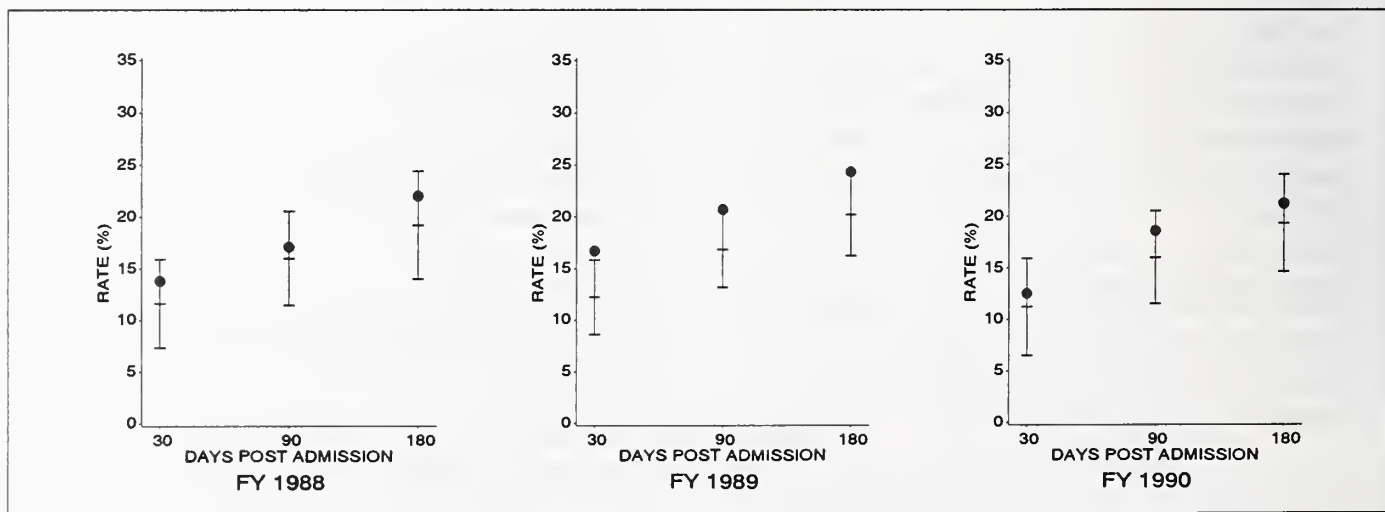
1411 E 31ST ST  
OAKLAND, CA 94602  
Medicare Provider Number: 050320

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 570                | 12.5                | 11.2 | 2.4   | 18.6    | 16.0 | 2.3   | 21.2     | 19.3 | 2.4   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 11                 | 45.5                | 21.5 | ----- | 45.5    | 24.0 | ----- | 45.5     | 26.0 | ----- |
| Congestive Heart Failure.....              | 26                 | 0.0                 | 7.5  | ----- | 3.8     | 13.5 | ----- | 19.2     | 18.5 | ----- |
| Pneumonia/Influenza.....                   | 31                 | 22.6                | 12.9 | ----- | 29.0    | 18.0 | ----- | 29.0     | 21.1 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 6                  | 16.7                | 17.1 | ----- | 16.7    | 26.9 | ----- | 33.3     | 32.7 | ----- |
| Transient Cerebral Ischemia.....           | 6                  | 0.0                 | 1.7  | ----- | 0.0     | 4.0  | ----- | 0.0      | 6.7  | ----- |
| Stroke.....                                | 29                 | 27.6                | 21.4 | ----- | 34.5    | 26.9 | ----- | 37.9     | 30.2 | ----- |
| Hip Fracture.....                          | 10                 | 10.0                | 4.3  | ----- | 10.0    | 7.8  | ----- | 10.0     | 10.7 | ----- |
| Sepsis.....                                | 9                  | 44.4                | 36.9 | ----- | 66.7    | 45.2 | ----- | 77.8     | 49.3 | ----- |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0                  |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 3                  | 33.3                | 3.5  | ----- | 33.3    | 6.6  | ----- | 33.3     | 9.3  | ----- |
| Open Reduction of Hip Fracture.....        | 5                  | 0.0                 | 4.7  | ----- | 0.0     | 8.5  | ----- | 0.0      | 11.3 | ----- |
| Prostatectomy.....                         | 3                  | 0.0                 | 1.4  | ----- | 0.0     | 2.7  | ----- | 0.0      | 4.4  | ----- |
| Cholecystectomy.....                       | 3                  | 0.0                 | 8.1  | ----- | 33.3    | 15.2 | ----- | 33.3     | 19.2 | ----- |
| Hysterectomy.....                          | 0                  |                     |      |       |         |      |       |          |      |       |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# HIGHLAND GENERAL HOSPITAL

Medicare Provider Number: 050320

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 66.5 years  
Proportion female..... 41.1 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 10.7 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 0.0 %  
Admitted for emergency..... 88.2 %

### COMORBIDITIES:

Cancer..... 4.0 %  
Chronic cardiovascular disease..... 29.3 %  
Chronic liver disease..... 2.3 %  
Chronic renal disease..... 4.7 %  
Chronic pulmonary disease..... 12.1 %  
Cerebrovascular degeneration..... 12.6 %  
Diabetes mellitus..... 17.2 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 91.1%  
State ..... 6.2%  
Outside State ..... 2.7%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 7.1 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 283  
Occupancy Rate ..... 74.0 %  
Ownership/Control..... Local Government  
Medicare Discharges ..... 9.3 %  
Case Mix Index (CMI) ..... 1.1842

### STAFFING:

Total Number of Physicians..... 144  
Percent of Physicians Board  
Certified Specialists ..... 77.1 %  
Medical Residents/Interns ..... 111  
Registered Nurses..... 301  
Licensed Practical Nurses ..... 59

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... Yes  
Comprehensive Geriatric ..... Yes  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... Yes  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# HUMANA HOSPITAL SAN LEANDRO

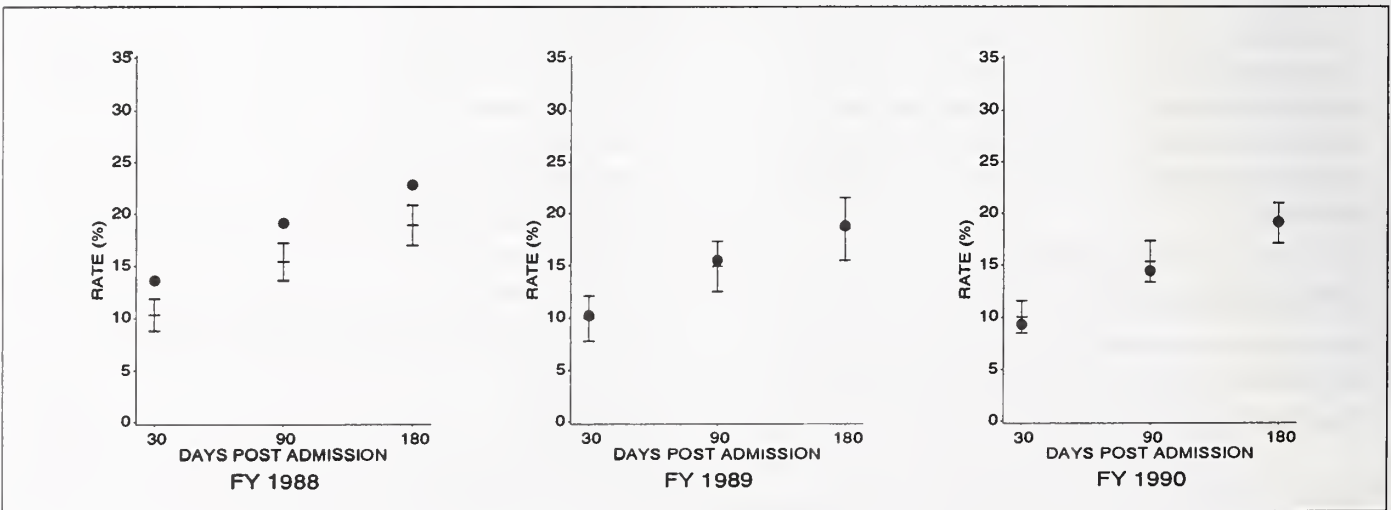
13855 E 14TH STREET  
SAN LEANDRO, CA 94578  
Medicare Provider Number: 050264

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 1957               | 9.3                 | 10.0 | 0.8  | 14.4    | 15.3 | 1.0  | 19.1     | 19.0 | 1.0  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 55                 | 21.8                | 22.2 | 5.6  | 25.5    | 25.7 | 6.0  | 30.9     | 28.5 | 6.4  |
| Congestive Heart Failure.....              | 115                | 8.7                 | 13.4 | 3.6  | 16.5    | 21.5 | 4.2  | 25.2     | 27.6 | 4.3  |
| Pneumonia/Influenza.....                   | 43                 | 7.0                 | 13.7 | ---- | 11.6    | 18.8 | ---- | 20.9     | 22.4 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 38                 | 7.9                 | 8.6  | ---- | 18.4    | 15.6 | ---- | 36.8     | 21.0 | ---- |
| Transient Cerebral Ischemia.....           | 27                 | 3.7                 | 2.0  | ---- | 7.4     | 4.5  | ---- | 14.8     | 7.2  | ---- |
| Stroke.....                                | 87                 | 20.7                | 18.3 | 4.3  | 25.3    | 25.0 | 4.9  | 26.4     | 28.9 | 5.3  |
| Hip Fracture.....                          | 62                 | 3.2                 | 6.4  | 4.0  | 11.3    | 11.5 | 4.3  | 16.1     | 15.1 | 4.7  |
| Sepsis.....                                | 69                 | 18.8                | 22.8 | 5.5  | 24.6    | 29.2 | 7.4  | 26.1     | 33.3 | 6.7  |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 10                 | 0.0                 | 1.2  | ---- | 0.0     | 2.6  | ---- | 0.0      | 4.3  | ---- |
| Carotid Endarterectomy.....                | 22                 | 0.0                 | 1.3  | ---- | 4.5     | 2.4  | ---- | 4.5      | 3.5  | ---- |
| Hip Replacement/Reconstruction.....        | 59                 | 1.7                 | 3.5  | 2.9  | 8.5     | 6.5  | 4.4  | 10.2     | 8.8  | 4.1  |
| Open Reduction of Hip Fracture.....        | 27                 | 3.7                 | 6.3  | ---- | 11.1    | 11.7 | ---- | 22.2     | 15.6 | ---- |
| Prostatectomy.....                         | 37                 | 0.0                 | 1.0  | ---- | 5.4     | 2.5  | ---- | 5.4      | 4.5  | ---- |
| Cholecystectomy.....                       | 38                 | 2.6                 | 2.3  | ---- | 5.3     | 4.3  | ---- | 7.9      | 5.8  | ---- |
| Hysterectomy.....                          | 7                  | 0.0                 | 1.2  | ---- | 0.0     | 2.9  | ---- | 0.0      | 4.8  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# HUMANA HOSPITAL SAN LEANDRO

Medicare Provider Number: 050264

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 76.2 years

Proportion female..... 59.8 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 44.1 %

Transferred from skilled nursing facility..... 0.0 %

Admitted for elective procedure..... 22.5 %

Admitted for emergency..... 3.7 %

### COMORBIDITIES:

Cancer..... 9.0 %

Chronic cardiovascular disease..... 33.8 %

Chronic liver disease..... 1.3 %

Chronic renal disease..... 3.4 %

Chronic pulmonary disease..... 17.6 %

Cerebrovascular degeneration..... 3.7 %

Diabetes mellitus..... 7.8 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 93.8%

State ..... 4.8%

Outside State ..... 1.4%

Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 6.8 Days

State ..... 7.1 Days

National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1982

### PROFILE:

Total Beds ..... 136

Ownership/Control..... Private, For Profit

Case Mix Index (CMI) ..... 1.4534

### STAFFING:

Medical Residents/Interns ..... 0

Registered Nurses..... 109

Licensed Practical Nurses ..... 56

### SPECIALTY SERVICES:

Burn Unit ..... No

Coronary Care Unit ..... Yes

Hospice Care ..... No

Intensive Care Unit ..... Yes

Organ Transplant ..... No

Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No

Rehabilitation..... Yes

Psychiatric ..... No

Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# INDIAN VALLEY DISTRICT HOSPITAL

174 HOT SPRINGS ROAD  
GREENVILLE, CA 95947  
Medicare Provider Number: 050433

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 57                 | 7.0                 | 7.4  | 4.1  | 19.3    | 11.1 | 5.6  | 22.8     | 14.1 | 6.2  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 2                  | 50.0                | 33.6 | ---- | 50.0    | 36.1 | ---- | 50.0     | 38.2 | ---- |
| Congestive Heart Failure.....              | 5                  | 20.0                | 14.8 | ---- | 40.0    | 23.5 | ---- | 40.0     | 31.0 | ---- |
| Pneumonia/Influenza.....                   | 10                 | 10.0                | 13.4 | ---- | 30.0    | 17.9 | ---- | 30.0     | 20.8 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 0                  |                     |      |      |         |      |      |          |      |      |
| Transient Cerebral Ischemia.....           | 1                  | 0.0                 | 0.3  | ---- | 100.0   | 0.7  | ---- | 100.0    | 1.3  | ---- |
| Stroke.....                                | 2                  | 0.0                 | 15.1 | ---- | 50.0    | 20.5 | ---- | 50.0     | 25.5 | ---- |
| Hip Fracture.....                          | 0                  |                     |      |      |         |      |      |          |      |      |
| Sepsis.....                                | 0                  |                     |      |      |         |      |      |          |      |      |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 3                  | 0.0                 | 1.5  | ---- | 0.0     | 3.5  | ---- | 0.0      | 5.9  | ---- |
| Carotid Endarterectomy.....                | 0                  |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 0                  |                     |      |      |         |      |      |          |      |      |
| Open Reduction of Hip Fracture.....        | 0                  |                     |      |      |         |      |      |          |      |      |
| Prostatectomy.....                         | 0                  |                     |      |      |         |      |      |          |      |      |
| Cholecystectomy.....                       | 0                  |                     |      |      |         |      |      |          |      |      |
| Hysterectomy.....                          | 0                  |                     |      |      |         |      |      |          |      |      |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES

No Graphs are presented when the standard deviation  
was not computed for one or more of the three fiscal years,  
(1988, 1989, or 1990)



# INDIAN VALLEY DISTRICT HOSPITAL

Medicare Provider Number: 050433

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 74.1 years  
 Proportion female..... 52.6 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 89.5 %  
 Transferred from skilled nursing facility..... 1.8 %  
 Admitted for elective procedure..... 1.8 %  
 Admitted for emergency..... 93.0 %

### COMORBIDITIES:

Cancer..... 1.8 %  
 Chronic cardiovascular disease..... 36.8 %  
 Chronic liver disease..... 0.0 %  
 Chronic renal disease..... 3.5 %  
 Chronic pulmonary disease..... 21.1 %  
 Cerebrovascular degeneration..... 3.5 %  
 Diabetes mellitus..... 3.5 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 92.6%  
 State..... 6.3%  
 Outside State..... 1.1%  
 Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 4.3 Days  
 State..... 7.1 Days  
 National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1990

### PROFILE:

Total Beds..... 26  
 Ownership/Control..... District/Authority  
 Case Mix Index (CMI)..... 1.0084

### STAFFING:

Medical Residents/Interns..... 0  
 Registered Nurses..... 3  
 Licensed Practical Nurses..... 7

### SPECIALTY SERVICES:

Burn Unit..... No  
 Coronary Care Unit..... No  
 Hospice Care..... No  
 Intensive Care Unit..... No  
 Organ Transplant..... No  
 Trauma Center..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... No  
 Rehabilitation..... No  
 Psychiatric..... No  
 Medicare Swing Beds..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# JOHN C FREMONT HOSPITAL

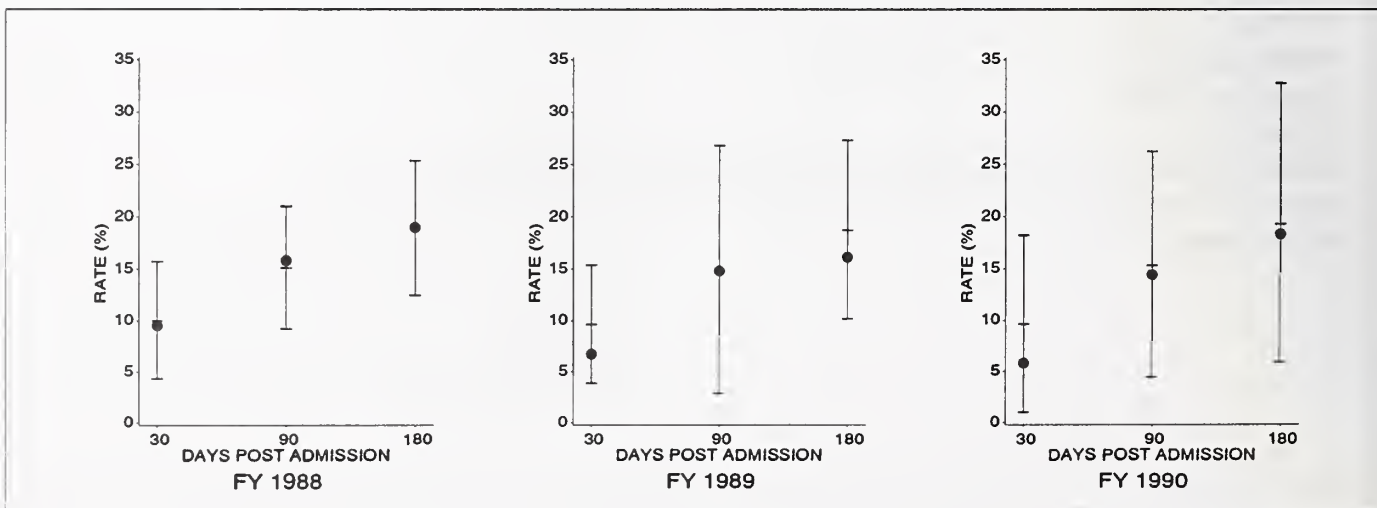
5189 HOSPITAL ROAD  
MARIPOSA, CA 95338  
Medicare Provider Number: 050443

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 104                | 5.8                 | 9.6  | 4.3   | 14.4    | 15.3 | 5.5   | 18.3     | 19.3 | 6.7   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 1                  | 0.0                 | 29.1 | ----- | 0.0     | 31.5 | ----- | 0.0      | 34.4 | ----- |
| Congestive Heart Failure.....              | 7                  | 14.3                | 15.4 | ----- | 14.3    | 24.8 | ----- | 14.3     | 30.6 | ----- |
| Pneumonia/Influenza.....                   | 9                  | 0.0                 | 9.7  | ----- | 0.0     | 13.5 | ----- | 11.1     | 16.7 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 6                  | 16.7                | 4.8  | ----- | 16.7    | 8.9  | ----- | 16.7     | 12.3 | ----- |
| Transient Cerebral Ischemia.....           | 1                  | 0.0                 | 1.1  | ----- | 0.0     | 2.7  | ----- | 0.0      | 4.4  | ----- |
| Stroke.....                                | 6                  | 16.7                | 16.0 | ----- | 33.3    | 21.4 | ----- | 50.0     | 25.1 | ----- |
| Hip Fracture.....                          | 1                  | 0.0                 | 4.6  | ----- | 0.0     | 8.8  | ----- | 0.0      | 11.4 | ----- |
| Sepsis.....                                | 5                  | 20.0                | 17.2 | ----- | 20.0    | 23.2 | ----- | 20.0     | 27.5 | ----- |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0                  |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 0                  |                     |      |       |         |      |       |          |      |       |
| Open Reduction of Hip Fracture.....        | 0                  |                     |      |       |         |      |       |          |      |       |
| Prostatectomy.....                         | 0                  |                     |      |       |         |      |       |          |      |       |
| Cholecystectomy.....                       | 0                  |                     |      |       |         |      |       |          |      |       |
| Hysterectomy.....                          | 0                  |                     |      |       |         |      |       |          |      |       |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# JOHN C FREMONT HOSPITAL

Medicare Provider Number: 050443

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 77.7 years |
| Proportion female.....        | 65.4 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 90.4 % |
| Transferred from skilled nursing facility..... | 0.0 %  |
| Admitted for elective procedure.....           | 0.0 %  |
| Admitted for emergency.....                    | 54.8 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 6.7 %  |
| Chronic cardiovascular disease..... | 31.7 % |
| Chronic liver disease.....          | 1.9 %  |
| Chronic renal disease.....          | 1.0 %  |
| Chronic pulmonary disease.....      | 15.4 % |
| Cerebrovascular degeneration.....   | 2.9 %  |
| Diabetes mellitus.....              | 1.9 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 85.5%  |
| State .....         | 12.8%  |
| Outside State ..... | 1.7%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 4.6 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                    |
|----------------------------|--------------------|
| Total Beds .....           | 34                 |
| Occupancy Rate .....       | 52.0 %             |
| Ownership/Control.....     | District/Authority |
| Medicare Discharges .....  | (Not Available)    |
| Case Mix Index (CMI) ..... | 0.9647             |

### STAFFING:

|                                                           |                 |
|-----------------------------------------------------------|-----------------|
| Total Number of Physicians.....                           | 16              |
| Percent of Physicians Board<br>Certified Specialists..... | 62.5 %          |
| Medical Residents/Interns .....                           | (Not Available) |
| Registered Nurses.....                                    | (Not Available) |
| Licensed Practical Nurses .....                           | (Not Available) |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | Yes |
| Medical/Surgical Intensive Care ..... | No  |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | No  |
| Psychiatric .....         | No  |
| Medicare Swing Beds ..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# JOHN MUIR MEDICAL CENTER

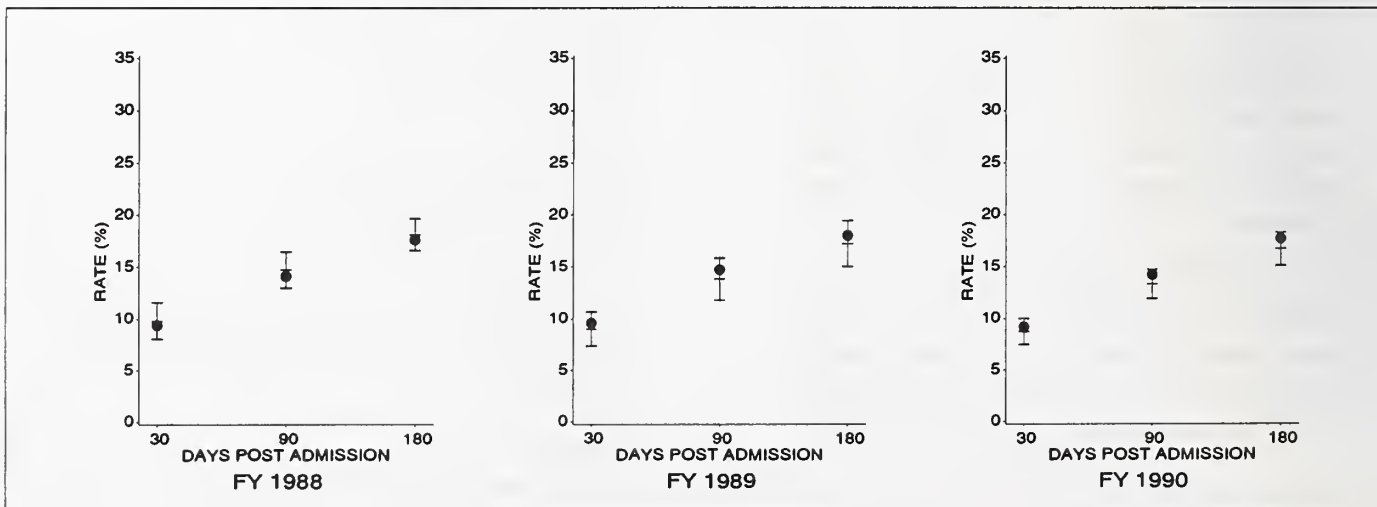
1601 YGNACIO VALLEY RD  
WALNUT CREEK, CA 94598  
Medicare Provider Number: 050180

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 3121               | 9.2                 | 8.7  | 0.6   | 14.2    | 13.3 | 0.7   | 17.7     | 16.7 | 0.8   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 88                 | 27.3                | 25.6 | 5.0   | 31.8    | 29.2 | 6.1   | 33.0     | 31.9 | 6.3   |
| Congestive Heart Failure.....              | 123                | 11.4                | 14.9 | 5.0   | 17.1    | 23.3 | 6.5   | 22.0     | 29.5 | 7.1   |
| Pneumonia/Influenza.....                   | 97                 | 18.6                | 16.7 | 4.8   | 29.9    | 22.6 | 7.1   | 32.0     | 26.4 | 7.1   |
| Chronic Obstructive Pulmonary Disease..... | 20                 | 5.0                 | 5.2  | ----- | 15.0    | 9.8  | ----- | 20.0     | 13.2 | ----- |
| Transient Cerebral Ischemia.....           | 34                 | 2.9                 | 2.0  | ----- | 5.9     | 4.5  | ----- | 8.8      | 7.4  | ----- |
| Stroke.....                                | 160                | 16.2                | 22.2 | 5.5   | 25.0    | 29.8 | 5.0   | 32.5     | 34.1 | 4.4   |
| Hip Fracture.....                          | 143                | 4.2                 | 6.1  | 2.6   | 8.4     | 11.2 | 3.8   | 10.5     | 14.7 | 4.9   |
| Sepsis.....                                | 38                 | 18.4                | 26.0 | ----- | 34.2    | 34.7 | ----- | 42.1     | 39.4 | ----- |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 79                 | 5.1                 | 3.6  | 3.1   | 5.1     | 4.7  | 2.9   | 5.1      | 5.6  | 2.9   |
| Coronary Artery Bypass Graft.....          | 59                 | 10.2                | 5.6  | 3.9   | 10.2    | 8.5  | 3.9   | 10.2     | 9.7  | 4.8   |
| Initial Pacemaker Insertion.....           | 34                 | 0.0                 | 2.7  | ----- | 2.9     | 5.0  | ----- | 2.9      | 7.1  | ----- |
| Carotid Endarterectomy.....                | 20                 | 0.0                 | 1.6  | ----- | 5.0     | 3.2  | ----- | 5.0      | 4.9  | ----- |
| Hip Replacement/Reconstruction.....        | 107                | 3.7                 | 2.8  | 1.8   | 4.7     | 5.3  | 2.5   | 5.6      | 7.3  | 3.3   |
| Open Reduction of Hip Fracture.....        | 67                 | 6.0                 | 5.7  | 2.9   | 9.0     | 10.7 | 4.1   | 11.9     | 14.2 | 4.8   |
| Prostatectomy.....                         | 151                | 1.3                 | 0.5  | 0.8   | 1.3     | 1.2  | 1.5   | 2.0      | 2.2  | 2.0   |
| Cholecystectomy.....                       | 45                 | 11.1                | 1.8  | ----- | 11.1    | 3.2  | ----- | 11.1     | 4.4  | ----- |
| Hysterectomy.....                          | 35                 | 2.9                 | 0.4  | ----- | 2.9     | 1.0  | ----- | 5.7      | 1.6  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# JOHN MUIR MEDICAL CENTER

Medicare Provider Number: 050180

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 76.6 years  
Proportion female..... 58.8 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 54.7 %  
Transferred from skilled nursing facility..... 0.6 %  
Admitted for elective procedure..... 28.8 %  
Admitted for emergency..... 70.6 %

### COMORBIDITIES:

Cancer..... 9.5 %  
Chronic cardiovascular disease..... 24.0 %  
Chronic liver disease..... 1.0 %  
Chronic renal disease..... 1.7 %  
Chronic pulmonary disease..... 7.2 %  
Cerebrovascular degeneration..... 3.2 %  
Diabetes mellitus..... 2.9 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 87.3%  
State ..... 9.3%  
Outside State ..... 3.4%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 6.8 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 288  
Occupancy Rate ..... 68.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 34.9 %  
Case Mix Index (CMI) ..... 1.3836

### STAFFING:

Total Number of Physicians..... 392  
Percent of Physicians Board  
Certified Specialists ..... 83.2 %  
Medical Residents/Interns ..... 3  
Registered Nurses..... 533  
Licensed Practical Nurses ..... 6

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... Yes  
Comprehensive Geriatric ..... Yes  
Hospice Care ..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant ..... Yes  
Other Intensive Care ..... No  
Trauma Center ..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... Yes  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# KAISER FOUNDATION HOSPITAL

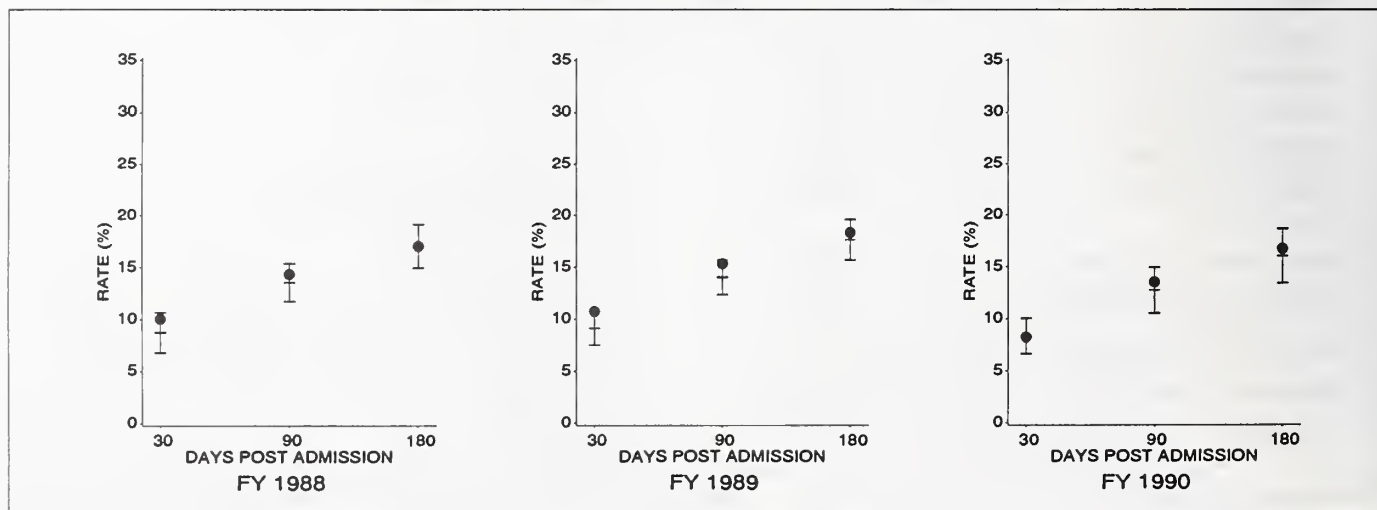
27400 HESPERIAN BLVD  
HAYWARD, CA 94545  
Medicare Provider Number: 050512

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 2065            | 8.2                 | 8.3  | 0.9  | 13.5    | 12.7 | 1.1  | 16.7     | 16.0 | 1.3  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 63              | 17.5                | 21.6 | 6.6  | 22.2    | 24.3 | 6.1  | 27.0     | 26.5 | 5.8  |
| Congestive Heart Failure.....              | 142             | 10.6                | 14.2 | 3.8  | 19.7    | 22.7 | 4.2  | 23.2     | 28.9 | 5.3  |
| Pneumonia/Influenza.....                   | 77              | 22.1                | 13.5 | 6.8  | 31.2    | 18.9 | 7.3  | 33.8     | 22.6 | 7.0  |
| Chronic Obstructive Pulmonary Disease..... | 38              | 13.2                | 7.1  | ---- | 18.4    | 12.6 | ---- | 23.7     | 17.0 | ---- |
| Transient Cerebral Ischemia.....           | 19              | 0.0                 | 1.1  | ---- | 0.0     | 2.4  | ---- | 0.0      | 4.0  | ---- |
| Stroke.....                                | 88              | 21.6                | 19.1 | 7.6  | 30.7    | 25.2 | 8.4  | 33.0     | 28.8 | 8.4  |
| Hip Fracture.....                          | 52              | 0.0                 | 4.9  | 4.8  | 5.8     | 8.7  | 4.5  | 13.5     | 11.4 | 4.7  |
| Sepsis.....                                | 34              | 23.5                | 19.3 | ---- | 29.4    | 25.8 | ---- | 29.4     | 29.9 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 19              | 0.0                 | 2.3  | ---- | 0.0     | 4.3  | ---- | 5.3      | 6.1  | ---- |
| Carotid Endarterectomy.....                | 12              | 0.0                 | 1.0  | ---- | 8.3     | 1.9  | ---- | 8.3      | 2.9  | ---- |
| Hip Replacement/Reconstruction.....        | 48              | 2.1                 | 3.2  | ---- | 4.2     | 6.1  | ---- | 8.3      | 8.4  | ---- |
| Open Reduction of Hip Fracture.....        | 5               | 0.0                 | 3.1  | ---- | 0.0     | 6.3  | ---- | 20.0     | 8.8  | ---- |
| Prostatectomy.....                         | 71              | 0.0                 | 0.4  | 1.1  | 1.4     | 0.9  | 1.6  | 1.4      | 1.6  | 2.7  |
| Cholecystectomy.....                       | 51              | 0.0                 | 1.9  | 2.7  | 2.0     | 3.5  | 3.8  | 2.0      | 4.5  | 4.1  |
| Hysterectomy.....                          | 27              | 0.0                 | 0.4  | ---- | 0.0     | 0.8  | ---- | 0.0      | 1.4  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# KAISER FOUNDATION HOSPITAL

Medicare Provider Number: 050512

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 72.7 years  
Proportion female..... 48.6 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 33.1 %  
Transferred from skilled nursing facility..... 0.7 %  
Admitted for elective procedure..... 23.7 %  
Admitted for emergency..... 14.7 %

### COMORBIDITIES:

Cancer..... 8.5 %  
Chronic cardiovascular disease..... 32.3 %  
Chronic liver disease..... 1.3 %  
Chronic renal disease..... 3.5 %  
Chronic pulmonary disease..... 13.8 %  
Cerebrovascular degeneration..... 4.6 %  
Diabetes mellitus..... 5.0 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 93.7%  
State ..... 5.7%  
Outside State ..... 0.6%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 6.6 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 228  
Occupancy Rate ..... 78.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 23.3 %  
Case Mix Index (CMI) ..... 1.2166

### STAFFING:

Total Number of Physicians..... 249  
Percent of Physicians Board  
Certified Specialists..... 74.7 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 371  
Licensed Practical Nurses ..... 77

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... Yes  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# KAISER FOUNDATION HOSPITAL

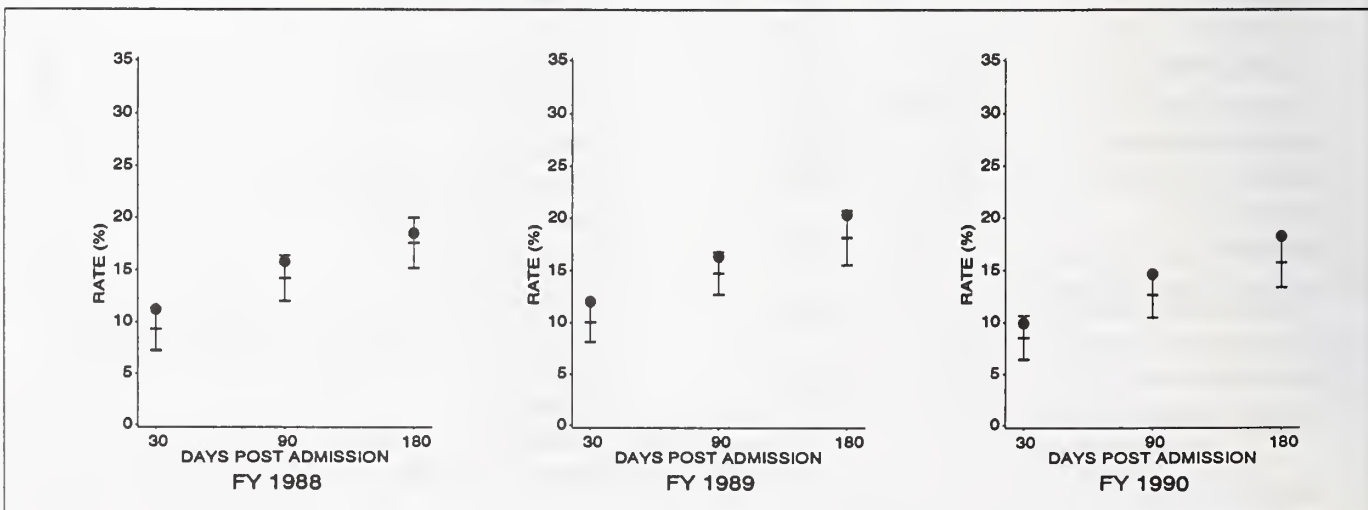
1425 S MAIN ST  
WALNUT CREEK, CA 94596  
Medicare Provider Number: 050072

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1619            | 9.9                 | 8.5  | 1.1   | 14.6    | 12.6 | 1.1   | 18.2     | 15.7 | 1.2   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 69              | 23.2                | 20.3 | 7.2   | 30.4    | 23.4 | 6.8   | 31.9     | 26.1 | 6.2   |
| Congestive Heart Failure.....              | 49              | 14.3                | 16.1 | ----- | 26.5    | 26.2 | ----- | 34.7     | 33.3 | ----- |
| Pneumonia/Influenza.....                   | 72              | 20.8                | 13.5 | 6.9   | 27.8    | 18.7 | 6.5   | 30.6     | 22.2 | 6.9   |
| Chronic Obstructive Pulmonary Disease..... | 23              | 4.3                 | 8.0  | ----- | 4.3     | 13.6 | ----- | 8.7      | 17.6 | ----- |
| Transient Cerebral Ischemia.....           | 12              | 0.0                 | 1.1  | ----- | 0.0     | 2.6  | ----- | 0.0      | 4.5  | ----- |
| Stroke.....                                | 60              | 30.0                | 23.8 | 7.7   | 35.0    | 30.1 | 8.6   | 41.7     | 33.8 | 10.1  |
| Hip Fracture.....                          | 41              | 2.4                 | 4.6  | ----- | 7.3     | 8.4  | ----- | 9.8      | 11.1 | ----- |
| Sepsis.....                                | 24              | 41.7                | 29.0 | ----- | 45.8    | 38.7 | ----- | 45.8     | 43.9 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 23              | 4.3                 | 2.6  | ----- | 4.3     | 5.3  | ----- | 4.3      | 7.9  | ----- |
| Carotid Endarterectomy.....                | 1               | 0.0                 | 0.7  | ----- | 0.0     | 1.6  | ----- | 0.0      | 2.8  | ----- |
| Hip Replacement/Reconstruction.....        | 35              | 0.0                 | 1.9  | ----- | 2.9     | 3.5  | ----- | 2.9      | 4.8  | ----- |
| Open Reduction of Hip Fracture.....        | 25              | 4.0                 | 3.9  | ----- | 8.0     | 7.4  | ----- | 12.0     | 10.1 | ----- |
| Prostatectomy.....                         | 75              | 0.0                 | 0.5  | 1.2   | 1.3     | 1.1  | 2.0   | 2.7      | 2.0  | 3.5   |
| Cholecystectomy.....                       | 39              | 0.0                 | 1.2  | ----- | 2.6     | 2.2  | ----- | 7.7      | 3.1  | ----- |
| Hysterectomy.....                          | 36              | 0.0                 | 0.3  | ----- | 0.0     | 0.7  | ----- | 0.0      | 1.2  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# KAISER FOUNDATION HOSPITAL

Medicare Provider Number: 050072

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 74.1 years |
| Proportion female.....        | 50.6 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 34.6 % |
| Transferred from skilled nursing facility..... | 0.0 %  |
| Admitted for elective procedure.....           | 27.5 % |
| Admitted for emergency.....                    | 10.7 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 8.8 %  |
| Chronic cardiovascular disease..... | 24.2 % |
| Chronic liver disease.....          | 0.5 %  |
| Chronic renal disease.....          | 1.9 %  |
| Chronic pulmonary disease.....      | 8.0 %  |
| Cerebrovascular degeneration.....   | 3.2 %  |
| Diabetes mellitus.....              | 5.5 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 80.1%  |
| State .....         | 19.0%  |
| Outside State ..... | 0.9%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 6.8 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 178                 |
| Occupancy Rate .....       | 75.0 %              |
| Ownership/Control.....     | Private, Non-Profit |
| Medicare Discharges .....  | 22.6 %              |
| Case Mix Index (CMI) ..... | 1.2190              |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 202    |
| Percent of Physicians Board<br>Certified Specialists ..... | 74.3 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 118    |
| Licensed Practical Nurses .....                            | 11     |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | Yes |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | Yes |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |    |
|---------------------------|----|
| Alcohol/Drug .....        | No |
| Rehabilitation.....       | No |
| Psychiatric .....         | No |
| Medicare Swing Beds ..... | No |

\*\* Except for CMI

\* Not used in calculating mortality rates

# KAISER FOUNDATION HOSPITAL

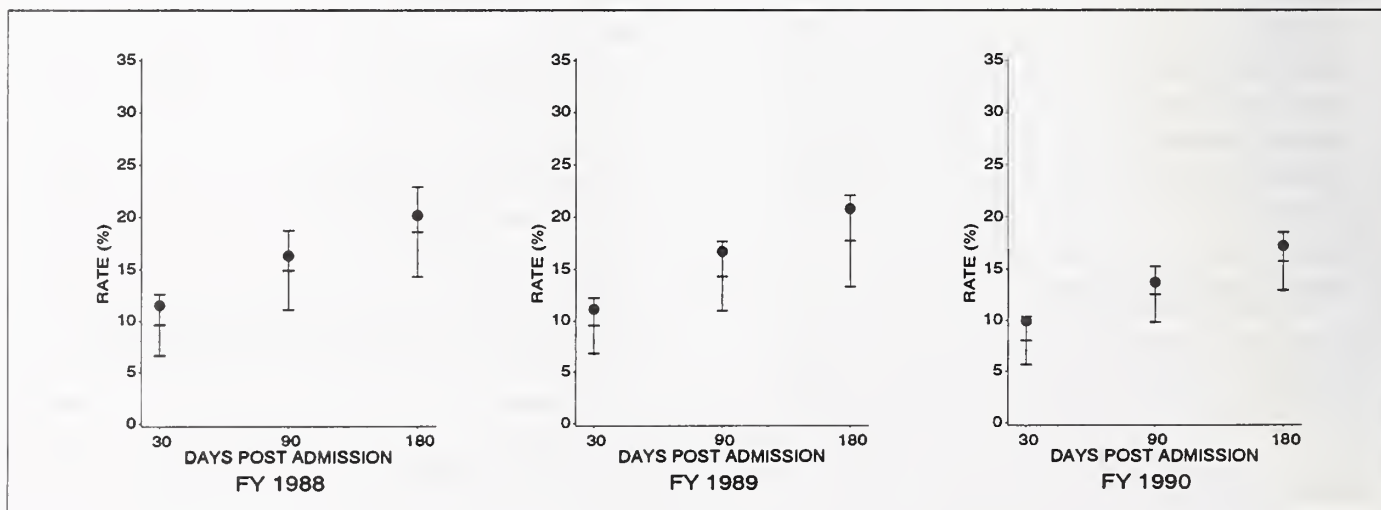
200 MUIR RD  
MARTINEZ, CA 94553  
Medicare Provider Number: 050635

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 1004            | 9.9                 | 8.0  | 1.2  | 13.7    | 12.5 | 1.4  | 17.2     | 15.7 | 1.4  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 37              | 24.3                | 22.8 | ---- | 24.3    | 25.9 | ---- | 24.3     | 28.4 | ---- |
| Congestive Heart Failure.....              | 44              | 11.4                | 13.7 | ---- | 15.9    | 21.7 | ---- | 20.5     | 27.8 | ---- |
| Pneumonia/Influenza.....                   | 41              | 26.8                | 14.5 | ---- | 29.3    | 20.1 | ---- | 34.1     | 24.1 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 36              | 2.8                 | 6.0  | ---- | 11.1    | 10.8 | ---- | 16.7     | 14.7 | ---- |
| Transient Cerebral Ischemia.....           | 10              | 10.0                | 1.2  | ---- | 20.0    | 3.1  | ---- | 30.0     | 5.5  | ---- |
| Stroke.....                                | 52              | 19.2                | 15.3 | 6.1  | 23.1    | 21.7 | 6.3  | 23.1     | 25.3 | 6.8  |
| Hip Fracture.....                          | 24              | 0.0                 | 4.5  | ---- | 4.2     | 8.0  | ---- | 4.2      | 10.5 | ---- |
| Sepsis.....                                | 7               | 28.6                | 16.8 | ---- | 28.6    | 26.0 | ---- | 42.9     | 31.6 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 12              | 8.3                 | 4.9  | ---- | 8.3     | 8.8  | ---- | 16.7     | 11.6 | ---- |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 34              | 2.9                 | 1.3  | ---- | 5.9     | 2.4  | ---- | 5.9      | 3.4  | ---- |
| Open Reduction of Hip Fracture.....        | 6               | 0.0                 | 5.0  | ---- | 0.0     | 9.5  | ---- | 0.0      | 12.6 | ---- |
| Prostatectomy.....                         | 36              | 0.0                 | 0.5  | ---- | 0.0     | 1.1  | ---- | 0.0      | 1.9  | ---- |
| Cholecystectomy.....                       | 24              | 4.2                 | 2.7  | ---- | 8.3     | 4.8  | ---- | 8.3      | 6.1  | ---- |
| Hysterectomy.....                          | 18              | 0.0                 | 0.6  | ---- | 0.0     | 1.4  | ---- | 0.0      | 2.3  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# KAISER FOUNDATION HOSPITAL

Medicare Provider Number: 050635

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 72.9 years |
| Proportion female.....        | 50.9 %     |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 7.2 %  |
| Chronic cardiovascular disease..... | 25.8 % |
| Chronic liver disease.....          | 1.0 %  |
| Chronic renal disease.....          | 2.1 %  |
| Chronic pulmonary disease.....      | 10.2 % |
| Cerebrovascular degeneration.....   | 3.5 %  |
| Diabetes mellitus.....              | 5.1 %  |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 26.7 % |
| Transferred from skilled nursing facility..... | 0.7 %  |
| Admitted for elective procedure.....           | 22.0 % |
| Admitted for emergency.....                    | 11.0 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 91.9%  |
| State .....         | 7.1%   |
| Outside State ..... | 1.0%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 6.5 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 128                 |
| Occupancy Rate .....       | 73.0 %              |
| Ownership/Control.....     | Private, Non-Profit |
| Medicare Discharges .....  | 24.4 %              |
| Case Mix Index (CMI) ..... | 1.2245              |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 110    |
| Percent of Physicians Board<br>Certified Specialists ..... | 90.9 % |
| Medical Residents/Interns .....                            | 7      |
| Registered Nurses.....                                     | 136    |
| Licensed Practical Nurses .....                            | 18     |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | Yes |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | No  |
| Psychiatric .....         | Yes |
| Medicare Swing Beds ..... | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# KAISER FOUNDATION HOSPITAL

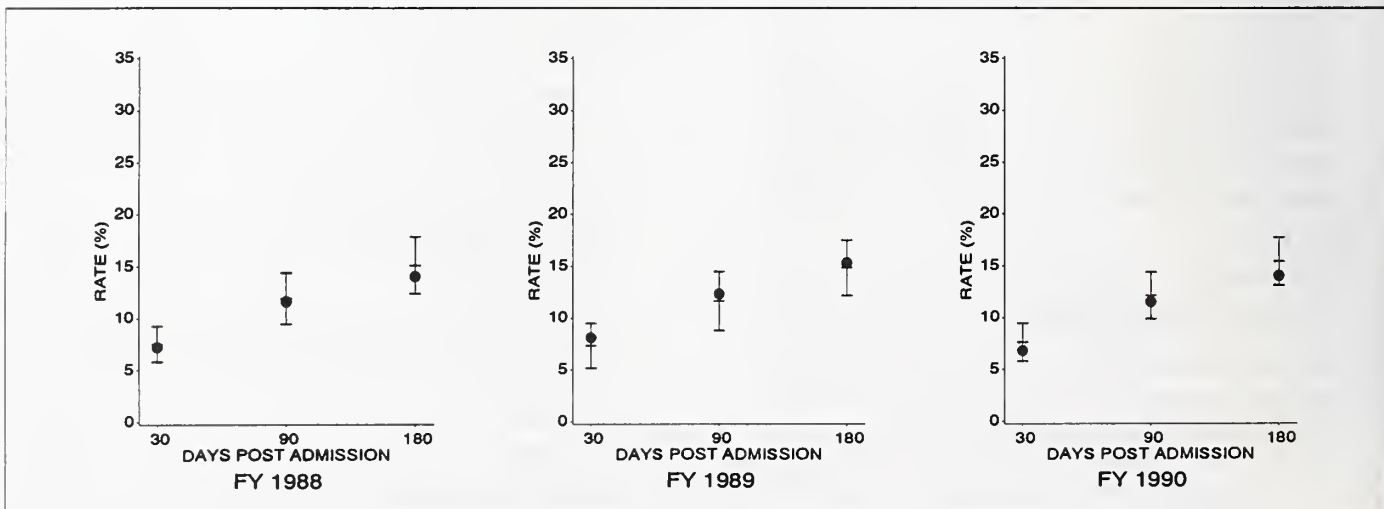
99 MONTICELLO RD  
SAN RAFAEL, CA 94903  
Medicare Provider Number: 050510

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 1318               | 6.8                 | 7.6  | 0.9  | 11.5    | 12.1 | 1.1  | 14.0     | 15.4 | 1.2  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 36                 | 13.9                | 23.4 | ---- | 19.4    | 26.5 | ---- | 19.4     | 29.1 | ---- |
| Congestive Heart Failure.....              | 47                 | 10.6                | 14.2 | ---- | 14.9    | 22.6 | ---- | 23.4     | 28.8 | ---- |
| Pneumonia/Influenza.....                   | 43                 | 9.3                 | 13.8 | ---- | 16.3    | 19.3 | ---- | 23.3     | 22.8 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 10                 | 0.0                 | 7.4  | ---- | 30.0    | 12.7 | ---- | 30.0     | 16.8 | ---- |
| Transient Cerebral Ischemia.....           | 7                  | 0.0                 | 1.5  | ---- | 0.0     | 3.8  | ---- | 0.0      | 6.9  | ---- |
| Stroke.....                                | 58                 | 13.8                | 16.2 | 6.2  | 17.2    | 23.0 | 8.9  | 20.7     | 26.9 | 10.1 |
| Hip Fracture.....                          | 28                 | 7.1                 | 6.8  | ---- | 17.9    | 12.4 | ---- | 21.4     | 16.2 | ---- |
| Sepsis.....                                | 19                 | 15.8                | 25.5 | ---- | 36.8    | 33.6 | ---- | 36.8     | 38.6 | ---- |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 7                  | 0.0                 | 4.2  | ---- | 0.0     | 8.0  | ---- | 0.0      | 11.2 | ---- |
| Carotid Endarterectomy.....                | 16                 | 0.0                 | 1.2  | ---- | 0.0     | 2.2  | ---- | 0.0      | 3.2  | ---- |
| Hip Replacement/Reconstruction.....        | 43                 | 2.3                 | 1.6  | ---- | 4.7     | 3.0  | ---- | 4.7      | 4.1  | ---- |
| Open Reduction of Hip Fracture.....        | 13                 | 0.0                 | 6.3  | ---- | 7.7     | 11.8 | ---- | 15.4     | 15.4 | ---- |
| Prostatectomy.....                         | 64                 | 1.6                 | 0.5  | 1.4  | 1.6     | 1.2  | 1.7  | 1.6      | 2.1  | 2.4  |
| Cholecystectomy.....                       | 20                 | 0.0                 | 1.6  | ---- | 0.0     | 3.0  | ---- | 0.0      | 4.3  | ---- |
| Hysterectomy.....                          | 9                  | 0.0                 | 0.5  | ---- | 0.0     | 1.1  | ---- | 0.0      | 1.8  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# KAISER FOUNDATION HOSPITAL

Medicare Provider Number: 050510

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 73.5 years |
| Proportion female.....        | 47.9 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 40.8 % |
| Transferred from skilled nursing facility..... | 0.2 %  |
| Admitted for elective procedure.....           | 28.3 % |
| Admitted for emergency.....                    | 14.4 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 9.5 %  |
| Chronic cardiovascular disease..... | 36.6 % |
| Chronic liver disease.....          | 1.1 %  |
| Chronic renal disease.....          | 1.6 %  |
| Chronic pulmonary disease.....      | 14.0 % |
| Cerebrovascular degeneration.....   | 3.8 %  |
| Diabetes mellitus.....              | 5.1 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 65.8%  |
| State .....         | 32.9%  |
| Outside State ..... | 1.3%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 6.8 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 119                 |
| Occupancy Rate .....       | 68.0 %              |
| Ownership/Control.....     | Private, Non-Profit |
| Medicare Discharges .....  | 36.2 %              |
| Case Mix Index (CMI) ..... | 1.2548              |

### STAFFING:

|                                                           |        |
|-----------------------------------------------------------|--------|
| Total Number of Physicians.....                           | 105    |
| Percent of Physicians Board<br>Certified Specialists..... | 91.4 % |
| Medical Residents/Interns .....                           | 0      |
| Registered Nurses.....                                    | 95     |
| Licensed Practical Nurses .....                           | 0      |

### SPECIALTY SERVICES:

|                                      |     |
|--------------------------------------|-----|
| Burn Unit .....                      | No  |
| Cardiac Intensive Care .....         | No  |
| Comprehensive Geriatric .....        | No  |
| Hospice Care .....                   | No  |
| Medical/Surgical Intensive Care..... | Yes |
| Organ/Tissue Transplant .....        | No  |
| Other intensive Care .....           | No  |
| Trauma Center .....                  | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |    |
|---------------------------|----|
| Alcohol/Drug .....        | No |
| Rehabilitation.....       | No |
| Psychiatric .....         | No |
| Medicare Swing Beds ..... | No |

\*\* Except for CMI

\* Not used in calculating mortality rates

# KAISER FOUNDATION HOSPITAL

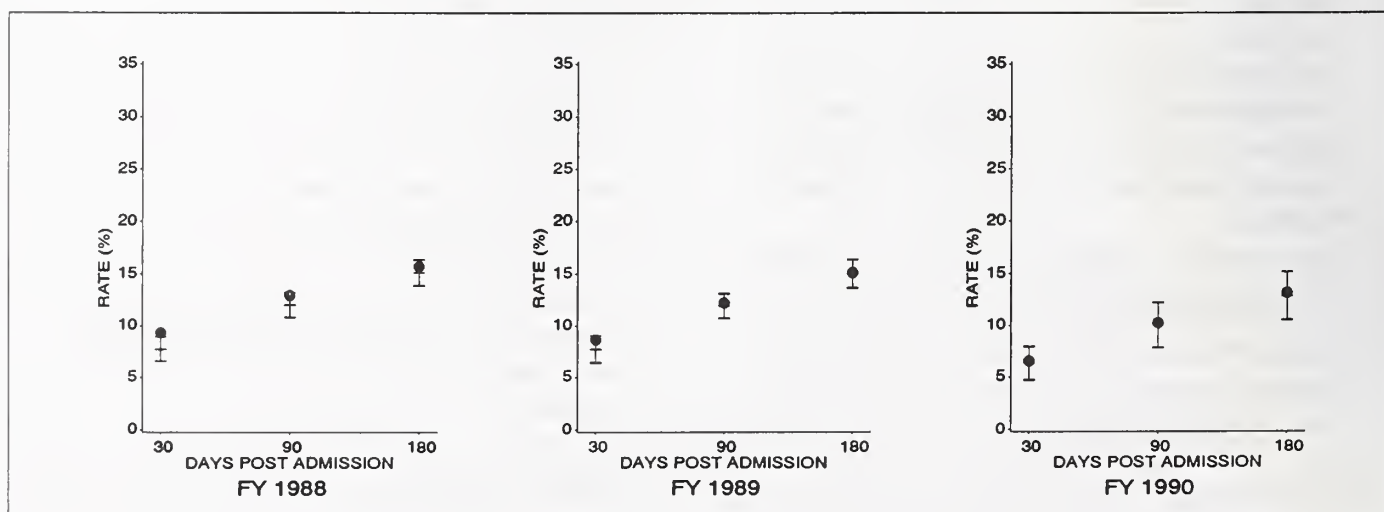
2025 MORSE AVE  
SACRAMENTO, CA 95825  
Medicare Provider Number: 050425

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 3314            | 6.5                 | 6.3  | 0.8  | 10.2    | 10.0 | 1.1  | 13.1     | 12.8 | 1.2  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 88              | 15.9                | 17.4 | 4.3  | 19.3    | 20.1 | 5.3  | 19.3     | 22.4 | 6.1  |
| Congestive Heart Failure.....              | 97              | 9.3                 | 13.2 | 4.1  | 17.5    | 21.1 | 5.0  | 27.8     | 27.2 | 4.8  |
| Pneumonia/Influenza.....                   | 107             | 17.8                | 13.6 | 6.6  | 22.4    | 19.0 | 6.3  | 26.2     | 22.6 | 5.6  |
| Chronic Obstructive Pulmonary Disease..... | 60              | 10.0                | 6.4  | 7.2  | 16.7    | 11.7 | 8.1  | 20.0     | 15.6 | 7.8  |
| Transient Cerebral Ischemia.....           | 18              | 0.0                 | 1.8  | ---- | 0.0     | 4.0  | ---- | 5.6      | 6.7  | ---- |
| Stroke.....                                | 98              | 15.3                | 17.1 | 4.5  | 20.4    | 23.5 | 5.9  | 23.5     | 27.1 | 6.4  |
| Hip Fracture.....                          | 59              | 6.8                 | 4.7  | 4.6  | 11.9    | 8.5  | 5.1  | 11.9     | 11.3 | 6.2  |
| Sepsis.....                                | 13              | 46.2                | 25.1 | ---- | 53.8    | 33.4 | ---- | 53.8     | 39.0 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 22              | 0.0                 | 2.2  | ---- | 4.5     | 4.1  | ---- | 4.5      | 5.9  | ---- |
| Carotid Endarterectomy.....                | 22              | 0.0                 | 0.8  | ---- | 4.5     | 1.5  | ---- | 4.5      | 2.2  | ---- |
| Hip Replacement/Reconstruction.....        | 74              | 2.7                 | 1.2  | 1.9  | 2.7     | 2.3  | 1.8  | 2.7      | 3.1  | 2.1  |
| Open Reduction of Hip Fracture.....        | 25              | 0.0                 | 4.0  | ---- | 8.0     | 7.3  | ---- | 8.0      | 9.7  | ---- |
| Prostatectomy.....                         | 187             | 0.0                 | 0.4  | 0.6  | 0.0     | 1.0  | 1.1  | 1.1      | 1.8  | 1.2  |
| Cholecystectomy.....                       | 81              | 2.5                 | 1.6  | 1.7  | 2.5     | 3.3  | 2.3  | 4.9      | 4.7  | 3.1  |
| Hysterectomy.....                          | 43              | 0.0                 | 0.6  | ---- | 2.3     | 1.5  | ---- | 2.3      | 2.4  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# KAISER FOUNDATION HOSPITAL

Medicare Provider Number: 050425

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 71.6 years  
Proportion female..... 47.4 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 39.3 %  
Transferred from skilled nursing facility..... 0.6 %  
Admitted for elective procedure..... 34.6 %  
Admitted for emergency..... 7.4 %

### COMORBIDITIES:

Cancer..... 7.7 %  
Chronic cardiovascular disease..... 20.1 %  
Chronic liver disease..... 1.0 %  
Chronic renal disease..... 3.7 %  
Chronic pulmonary disease..... 9.2 %  
Cerebrovascular degeneration..... 2.0 %  
Diabetes mellitus..... 6.5 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 66.7%  
State ..... 32.6%  
Outside State ..... 0.7%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 7.0 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 307  
Occupancy Rate ..... 87.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... (Not Available)  
Case Mix Index (CMI) ..... 1.2444

### STAFFING:

Total Number of Physicians..... (Not Available)  
Percent of Physicians Board  
Certified Specialists ..... (Not Available)  
Medical Residents/Interns ..... (Not Available)  
Registered Nurses ..... (Not Available)  
Licensed Practical Nurses ..... (Not Available)

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... Yes  
Comprehensive Geriatric ..... No  
Hospice Care ..... Yes  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used In calculating mortality rates

# KAISER FOUNDATION HOSPITAL

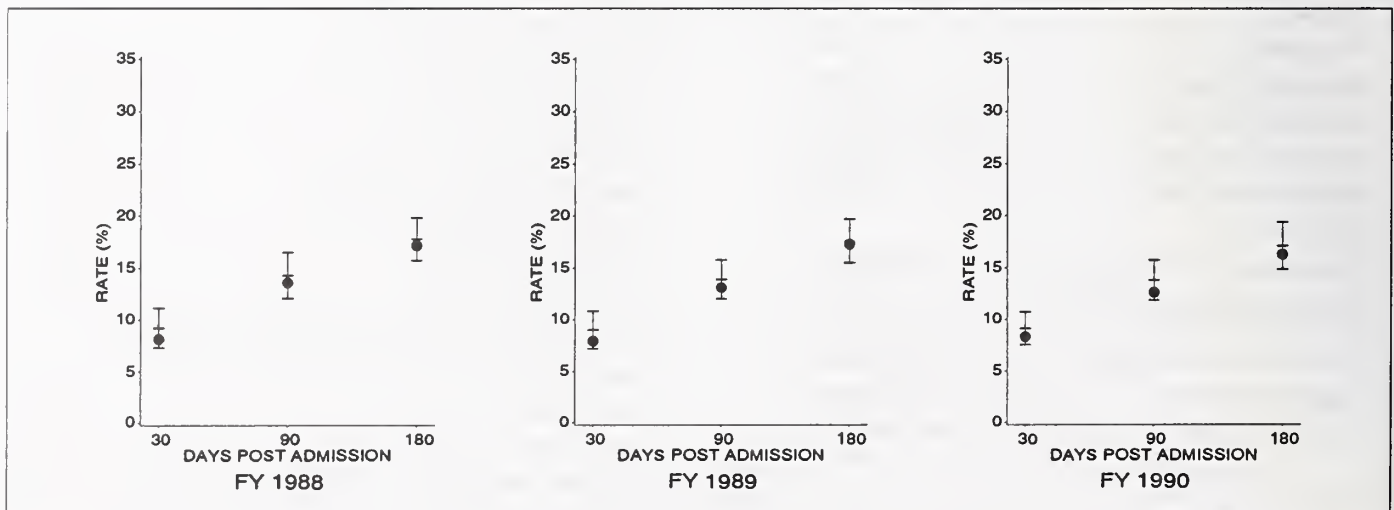
2425 GEARY BLVD  
SAN FRANCISCO, CA 94115  
Medicare Provider Number: 050076

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 2892            | 8.3                 | 9.1  | 0.8  | 12.6    | 13.8 | 1.0  | 16.3     | 17.1 | 1.1  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 93              | 24.7                | 25.4 | 4.5  | 26.9    | 28.0 | 4.8  | 28.0     | 30.7 | 5.4  |
| Congestive Heart Failure.....              | 137             | 8.0                 | 15.4 | 3.9  | 23.4    | 24.4 | 5.9  | 31.4     | 30.7 | 5.3  |
| Pneumonia/Influenza.....                   | 98              | 15.3                | 14.5 | 3.6  | 19.4    | 20.0 | 4.7  | 21.4     | 24.0 | 5.3  |
| Chronic Obstructive Pulmonary Disease..... | 25              | 12.0                | 9.4  | ---- | 20.0    | 16.4 | ---- | 28.0     | 21.0 | ---- |
| Transient Cerebral Ischemia.....           | 24              | 0.0                 | 1.7  | ---- | 0.0     | 4.1  | ---- | 4.2      | 6.9  | ---- |
| Stroke.....                                | 108             | 12.0                | 19.5 | 5.7  | 16.7    | 25.6 | 6.3  | 21.3     | 29.1 | 6.5  |
| Hip Fracture.....                          | 77              | 5.2                 | 6.0  | 2.8  | 10.4    | 10.8 | 4.3  | 11.7     | 14.1 | 4.5  |
| Sepsis.....                                | 48              | 20.8                | 22.8 | ---- | 25.0    | 31.2 | ---- | 29.2     | 35.6 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 110             | 5.5                 | 4.1  | 3.1  | 6.4     | 6.1  | 3.2  | 8.2      | 7.2  | 3.0  |
| Initial Pacemaker Insertion.....           | 31              | 3.2                 | 3.5  | ---- | 3.2     | 6.8  | ---- | 6.5      | 9.7  | ---- |
| Carotid Endarterectomy.....                | 10              | 0.0                 | 1.1  | ---- | 0.0     | 2.1  | ---- | 0.0      | 3.1  | ---- |
| Hip Replacement/Reconstruction.....        | 78              | 5.1                 | 2.9  | 2.7  | 6.4     | 5.3  | 2.7  | 9.0      | 7.0  | 3.7  |
| Open Reduction of Hip Fracture.....        | 32              | 0.0                 | 5.5  | ---- | 3.1     | 10.4 | ---- | 3.1      | 13.8 | ---- |
| Prostatectomy.....                         | 72              | 1.4                 | 0.6  | 1.2  | 2.8     | 1.4  | 1.8  | 2.8      | 2.4  | 1.9  |
| Cholecystectomy.....                       | 35              | 5.7                 | 2.8  | ---- | 5.7     | 5.0  | ---- | 5.7      | 6.5  | ---- |
| Hysterectomy.....                          | 23              | 0.0                 | 0.8  | ---- | 0.0     | 1.9  | ---- | 0.0      | 3.1  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# KAISER FOUNDATION HOSPITAL

Medicare Provider Number: 050076

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 75.4 years  
Proportion female..... 50.2 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 39.3 %  
Transferred from skilled nursing facility..... 1.4 %  
Admitted for elective procedure..... 24.7 %  
Admitted for emergency..... 31.7 %

### COMORBIDITIES:

Cancer..... 6.6 %  
Chronic cardiovascular disease..... 37.6 %  
Chronic liver disease..... 0.9 %  
Chronic renal disease..... 2.6 %  
Chronic pulmonary disease..... 7.8 %  
Cerebrovascular degeneration..... 3.5 %  
Diabetes mellitus..... 5.5 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 79.9%  
State..... 19.4%  
Outside State..... 0.7%  
Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 7.0 Days  
State..... 7.1 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1989

### PROFILE:

Total Beds..... 542  
Ownership/Control..... Private, Non-Profit  
Case Mix Index (CMI)..... 1.4599

### STAFFING:

Medical Residents/Interns..... 206  
Registered Nurses..... 406  
Licensed Practical Nurses..... 91

### SPECIALTY SERVICES:

Burn Unit..... No  
Coronary Care Unit..... Yes  
Hospice Care..... No  
Intensive Care Unit..... Yes  
Organ Transplant..... Yes  
Trauma Center..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... Yes  
Rehabilitation..... Yes  
Psychiatric..... Yes  
Medicare Swing Beds..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# KAISER FOUNDATION HOSPITAL

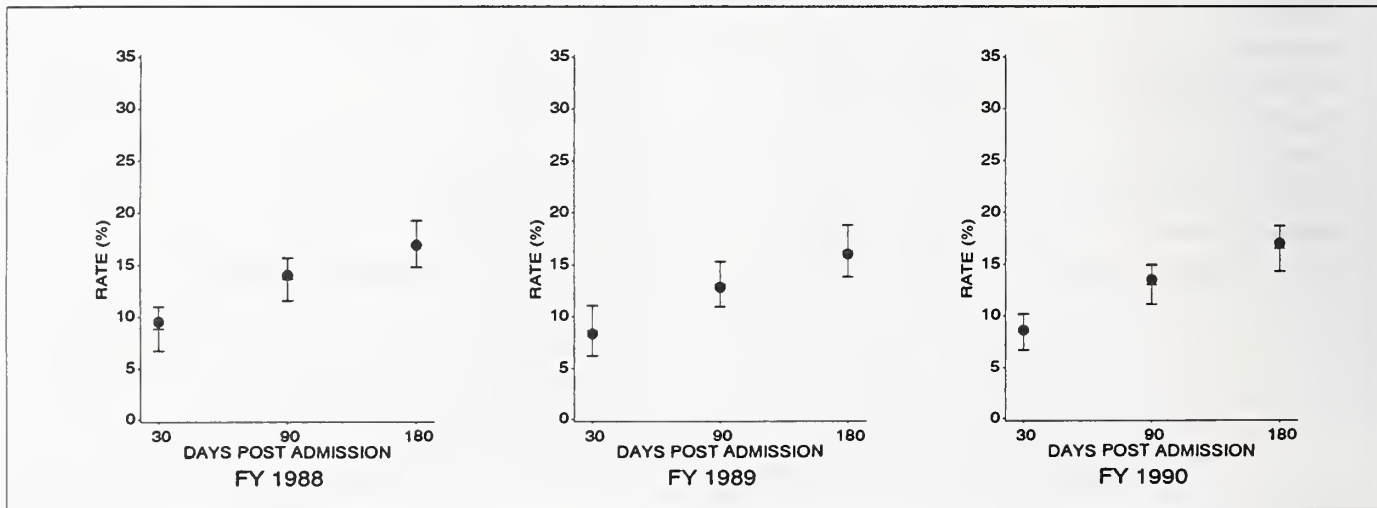
1200 EL CAMINO REAL  
SOUTH SAN FRANCISCO, CA 94080  
Medicare Provider Number: 050070

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1354            | 8.6                 | 8.4  | 0.9   | 13.5    | 13.0 | 1.0   | 17.0     | 16.5 | 1.1   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 61              | 14.8                | 23.3 | 7.9   | 18.0    | 25.8 | 8.8   | 19.7     | 28.1 | 9.4   |
| Congestive Heart Failure.....              | 87              | 14.9                | 14.2 | 6.1   | 26.4    | 22.6 | 6.8   | 29.9     | 28.5 | 7.5   |
| Pneumonia/Influenza.....                   | 58              | 15.5                | 15.4 | 4.8   | 24.1    | 21.6 | 6.1   | 25.9     | 25.9 | 7.7   |
| Chronic Obstructive Pulmonary Disease..... | 19              | 15.8                | 6.7  | ----- | 15.8    | 11.9 | ----- | 21.1     | 16.5 | ----- |
| Transient Cerebral Ischemia.....           | 7               | 14.3                | 1.3  | ----- | 14.3    | 3.2  | ----- | 14.3     | 5.3  | ----- |
| Stroke.....                                | 60              | 16.7                | 15.9 | 5.9   | 23.3    | 22.4 | 6.6   | 30.0     | 26.3 | 7.2   |
| Hip Fracture.....                          | 25              | 8.0                 | 4.8  | ----- | 12.0    | 8.4  | ----- | 12.0     | 11.2 | ----- |
| Sepsis.....                                | 11              | 27.3                | 14.0 | ----- | 27.3    | 19.9 | ----- | 27.3     | 24.5 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 8               | 0.0                 | 2.0  | ----- | 0.0     | 4.4  | ----- | 0.0      | 7.1  | ----- |
| Carotid Endarterectomy.....                | 12              | 0.0                 | 0.9  | ----- | 0.0     | 1.8  | ----- | 0.0      | 2.7  | ----- |
| Hip Replacement/Reconstruction.....        | 27              | 3.7                 | 1.5  | ----- | 7.4     | 2.8  | ----- | 7.4      | 4.0  | ----- |
| Open Reduction of Hip Fracture.....        | 7               | 0.0                 | 2.9  | ----- | 0.0     | 5.1  | ----- | 0.0      | 7.2  | ----- |
| Prostatectomy.....                         | 46              | 0.0                 | 0.5  | ----- | 0.0     | 1.0  | ----- | 2.2      | 1.7  | ----- |
| Cholecystectomy.....                       | 34              | 5.9                 | 1.0  | ----- | 5.9     | 1.9  | ----- | 5.9      | 2.7  | ----- |
| Hysterectomy.....                          | 10              | 0.0                 | 0.1  | ----- | 0.0     | 0.3  | ----- | 0.0      | 0.5  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# KAISER FOUNDATION HOSPITAL

Medicare Provider Number: 050070

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 73.7 years  
 Proportion female..... 47.7 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 31.4 %  
 Transferred from skilled nursing facility..... 0.6 %  
 Admitted for elective procedure..... 21.4 %  
 Admitted for emergency..... 3.0 %

### COMORBIDITIES:

Cancer..... 9.7 %  
 Chronic cardiovascular disease..... 29.7 %  
 Chronic liver disease..... 0.8 %  
 Chronic renal disease..... 2.2 %  
 Chronic pulmonary disease..... 11.5 %  
 Cerebrovascular degeneration..... 3.0 %  
 Diabetes mellitus..... 6.5 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 71.9%  
 State ..... 27.8%  
 Outside State ..... 0.3%  
 Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 6.5 Days  
 State ..... 7.1 Days  
 National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 123  
 Occupancy Rate ..... 67.0 %  
 Ownership/Control..... Private, Non-Profit  
 Medicare Discharges ..... 35.1 %  
 Case Mix Index (CMI) ..... 1.2019

### STAFFING:

Total Number of Physicians..... (Not Available)  
 Percent of Physicians Board  
 Certified Specialists .....(Not Available)  
 Medical Residents/Interns ..... (Not Available)  
 Registered Nurses..... (Not Available)  
 Licensed Practical Nurses ..... (Not Available)

### SPECIALTY SERVICES:

Burn Unit ..... No  
 Cardiac Intensive Care ..... No  
 Comprehensive Geriatric ..... No  
 Hospice Care ..... Yes  
 Medical/Surgical Intensive Care ..... Yes  
 Organ/Tissue Transplant ..... No  
 Other Intensive Care ..... No  
 Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
 Rehabilitation..... No  
 Psychiatric ..... No  
 Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# KAISER FOUNDATION HOSPITAL

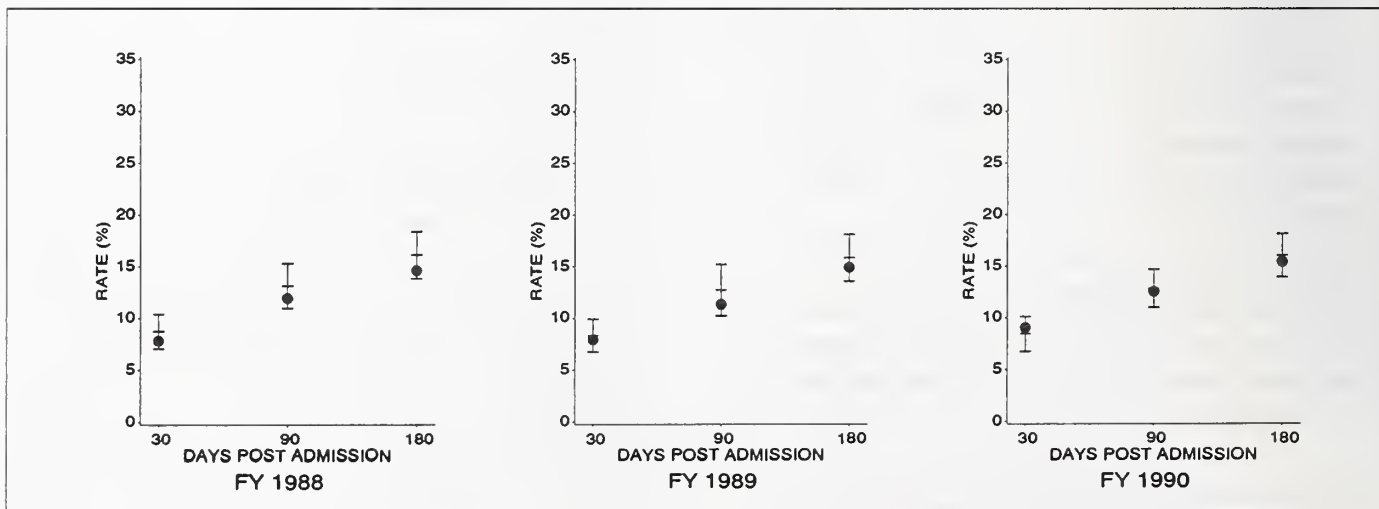
1150 VETERANS BLVD  
REDWOOD CITY, CA 94063  
Medicare Provider Number: 050541

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1393               | 9.0                 | 8.4  | 0.8   | 12.5    | 12.8 | 0.9   | 15.4     | 16.0 | 1.1   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 27                 | 29.6                | 27.4 | ----- | 33.3    | 30.0 | ----- | 33.3     | 32.3 | ----- |
| Congestive Heart Failure.....              | 42                 | 14.3                | 14.5 | ----- | 16.7    | 21.9 | ----- | 21.4     | 27.8 | ----- |
| Pneumonia/Influenza.....                   | 42                 | 11.9                | 14.4 | ----- | 19.0    | 19.6 | ----- | 19.0     | 23.3 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 33                 | 12.1                | 9.7  | ----- | 24.2    | 17.1 | ----- | 27.3     | 22.1 | ----- |
| Transient Cerebral Ischemia.....           | 13                 | 0.0                 | 0.9  | ----- | 0.0     | 2.2  | ----- | 0.0      | 3.8  | ----- |
| Stroke.....                                | 63                 | 20.6                | 21.9 | 5.5   | 27.0    | 27.2 | 5.8   | 31.7     | 30.6 | 6.0   |
| Hip Fracture.....                          | 31                 | 3.2                 | 4.6  | ----- | 6.5     | 8.3  | ----- | 6.5      | 10.9 | ----- |
| Sepsis.....                                | 9                  | 44.4                | 36.2 | ----- | 66.7    | 46.2 | ----- | 77.8     | 53.3 | ----- |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 8                  | 0.0                 | 2.7  | ----- | 12.5    | 5.2  | ----- | 25.0     | 7.5  | ----- |
| Carotid Endarterectomy.....                | 17                 | 0.0                 | 1.2  | ----- | 5.9     | 2.3  | ----- | 5.9      | 3.4  | ----- |
| Hip Replacement/Reconstruction.....        | 32                 | 0.0                 | 2.5  | ----- | 0.0     | 4.5  | ----- | 0.0      | 6.1  | ----- |
| Open Reduction of Hip Fracture.....        | 17                 | 5.9                 | 4.0  | ----- | 11.8    | 7.6  | ----- | 11.8     | 10.3 | ----- |
| Prostatectomy.....                         | 38                 | 0.0                 | 0.7  | ----- | 0.0     | 1.4  | ----- | 2.6      | 2.5  | ----- |
| Cholecystectomy.....                       | 23                 | 0.0                 | 1.3  | ----- | 0.0     | 2.4  | ----- | 0.0      | 3.3  | ----- |
| Hysterectomy.....                          | 13                 | 0.0                 | 0.1  | ----- | 0.0     | 0.4  | ----- | 0.0      | 0.7  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# KAISER FOUNDATION HOSPITAL

Medicare Provider Number: 050541

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 74.0 years |
| Proportion female.....        | 48.5 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 50.5 % |
| Transferred from skilled nursing facility..... | 0.1 %  |
| Admitted for elective procedure.....           | 36.3 % |
| Admitted for emergency.....                    | 10.7 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 8.7 %  |
| Chronic cardiovascular disease..... | 26.6 % |
| Chronic liver disease.....          | 1.1 %  |
| Chronic renal disease.....          | 1.9 %  |
| Chronic pulmonary disease.....      | 9.9 %  |
| Cerebrovascular degeneration.....   | 2.6 %  |
| Diabetes mellitus.....              | 5.2 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 66.9%  |
| State .....         | 32.1%  |
| Outside State ..... | 1.0%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 6.9 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 160                 |
| Occupancy Rate .....       | 68.0 %              |
| Ownership/Control.....     | Private, Non-Profit |
| Medicare Discharges .....  | 26.0 %              |
| Case Mix Index (CMI) ..... | 1.4081              |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 122    |
| Percent of Physicians Board<br>Certified Specialists ..... | 82.0 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 297    |
| Licensed Practical Nurses .....                            | 25     |

### SPECIALTY SERVICES:

|                                      |     |
|--------------------------------------|-----|
| Burn Unit .....                      | No  |
| Cardiac Intensive Care .....         | Yes |
| Comprehensive Geriatric .....        | No  |
| Hospice Care .....                   | Yes |
| Medical/Surgical Intensive Care..... | Yes |
| Organ/Tissue Transplant .....        | No  |
| Other Intensive Care .....           | No  |
| Trauma Center .....                  | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |    |
|---------------------------|----|
| Alcohol/Drug .....        | No |
| Rehabilitation.....       | No |
| Psychiatric .....         | No |
| Medicare Swing Beds ..... | No |

\*\* Except for CMI

\* Not used in calculating mortality rates

# KAISER FOUNDATION HOSPITAL

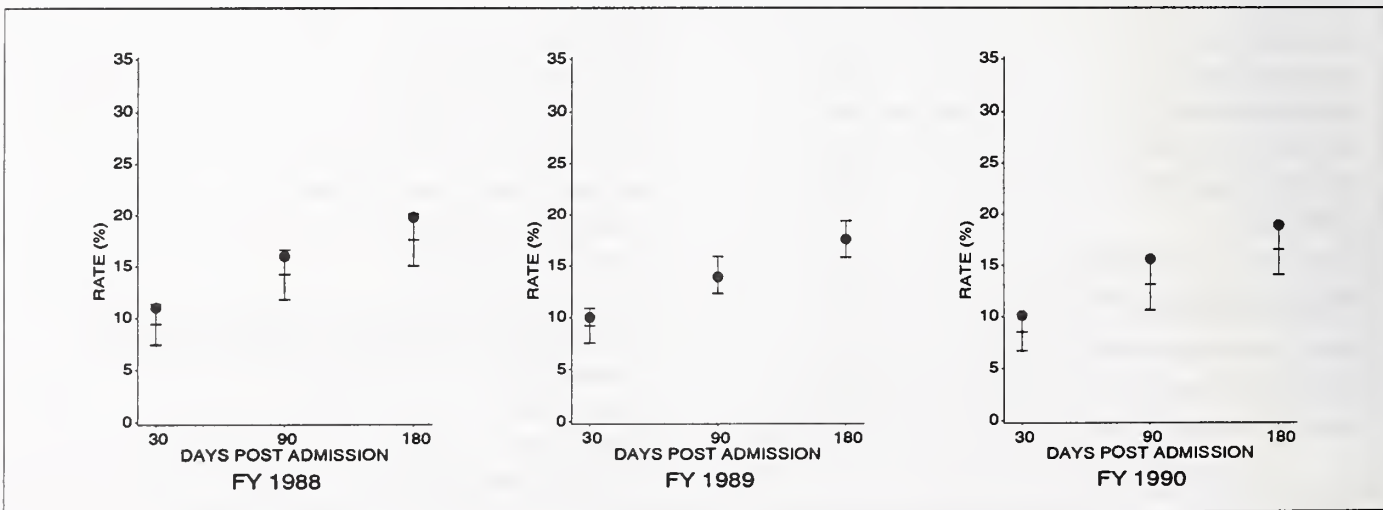
900 KIELY BLVD  
SANTA CLARA, CA 95051  
Medicare Provider Number: 050071

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 1970               | 10.1                | 8.5  | 0.9  | 15.6    | 13.1 | 1.3  | 18.9     | 16.5 | 1.2  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 84                 | 23.8                | 26.3 | 5.2  | 23.8    | 28.9 | 5.7  | 27.4     | 31.5 | 6.5  |
| Congestive Heart Failure.....              | 67                 | 11.9                | 15.0 | 6.7  | 23.9    | 24.0 | 6.2  | 26.9     | 30.2 | 7.4  |
| Pneumonia/Influenza.....                   | 72                 | 15.3                | 14.8 | 5.5  | 20.8    | 20.4 | 5.0  | 23.6     | 24.1 | 5.9  |
| Chronic Obstructive Pulmonary Disease..... | 25                 | 16.0                | 8.6  | ---- | 36.0    | 14.3 | ---- | 48.0     | 18.4 | ---- |
| Transient Cerebral Ischemia.....           | 15                 | 0.0                 | 2.1  | ---- | 0.0     | 4.3  | ---- | 6.7      | 6.6  | ---- |
| Stroke.....                                | 61                 | 19.7                | 16.0 | 5.4  | 27.9    | 22.0 | 6.6  | 29.5     | 25.6 | 9.4  |
| Hip Fracture.....                          | 46                 | 4.3                 | 5.8  | ---- | 13.0    | 10.2 | ---- | 17.4     | 13.5 | ---- |
| Sepsis.....                                | 30                 | 43.3                | 19.7 | ---- | 53.3    | 27.3 | ---- | 60.0     | 32.0 | ---- |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 11                 | 9.1                 | 1.3  | ---- | 9.1     | 2.7  | ---- | 9.1      | 4.1  | ---- |
| Carotid Endarterectomy.....                | 10                 | 0.0                 | 1.1  | ---- | 0.0     | 2.0  | ---- | 0.0      | 2.8  | ---- |
| Hip Replacement/Reconstruction.....        | 47                 | 2.1                 | 1.9  | ---- | 6.4     | 3.5  | ---- | 10.6     | 4.7  | ---- |
| Open Reduction of Hip Fracture.....        | 18                 | 5.6                 | 5.6  | ---- | 11.1    | 10.0 | ---- | 11.1     | 13.1 | ---- |
| Prostatectomy.....                         | 72                 | 0.0                 | 0.6  | 1.0  | 0.0     | 1.4  | 1.7  | 1.4      | 2.4  | 2.1  |
| Cholecystectomy.....                       | 38                 | 2.6                 | 1.7  | ---- | 5.3     | 3.2  | ---- | 7.9      | 4.5  | ---- |
| Hysterectomy.....                          | 34                 | 2.9                 | 0.9  | ---- | 2.9     | 2.1  | ---- | 2.9      | 3.3  | ---- |

\* The Standard Deviation (SD) Is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# KAISER FOUNDATION HOSPITAL

Medicare Provider Number: 050071

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 72.7 years  
Proportion female..... 49.3 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 35.7 %  
Transferred from skilled nursing facility..... 1.8 %  
Admitted for elective procedure..... 26.8 %  
Admitted for emergency..... 10.6 %

### COMORBIDITIES:

Cancer..... 11.4 %  
Chronic cardiovascular disease..... 38.8 %  
Chronic liver disease..... 1.2 %  
Chronic renal disease..... 4.5 %  
Chronic pulmonary disease..... 13.1 %  
Cerebrovascular degeneration..... 2.8 %  
Diabetes mellitus..... 5.1 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 89.4%  
State..... 9.6%  
Outside State..... 1.0%  
Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 6.4 Days  
State..... 7.1 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds..... 278  
Occupancy Rate..... 71.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges..... (Not Available)  
Case Mix Index (CMI)..... 1.2596

### STAFFING:

Total Number of Physicians..... 291  
Percent of Physicians Board  
Certified Specialists..... 67.7 %  
Medical Residents/Interns..... 0  
Registered Nurses..... 430  
Licensed Practical Nurses..... 60

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... Yes  
Hospice Care..... Yes  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Trauma Center..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... No  
Rehabilitation..... No  
Psychiatric..... No  
Medicare Swing Beds..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# KAISER FOUNDATION HOSPITAL OAKLAND

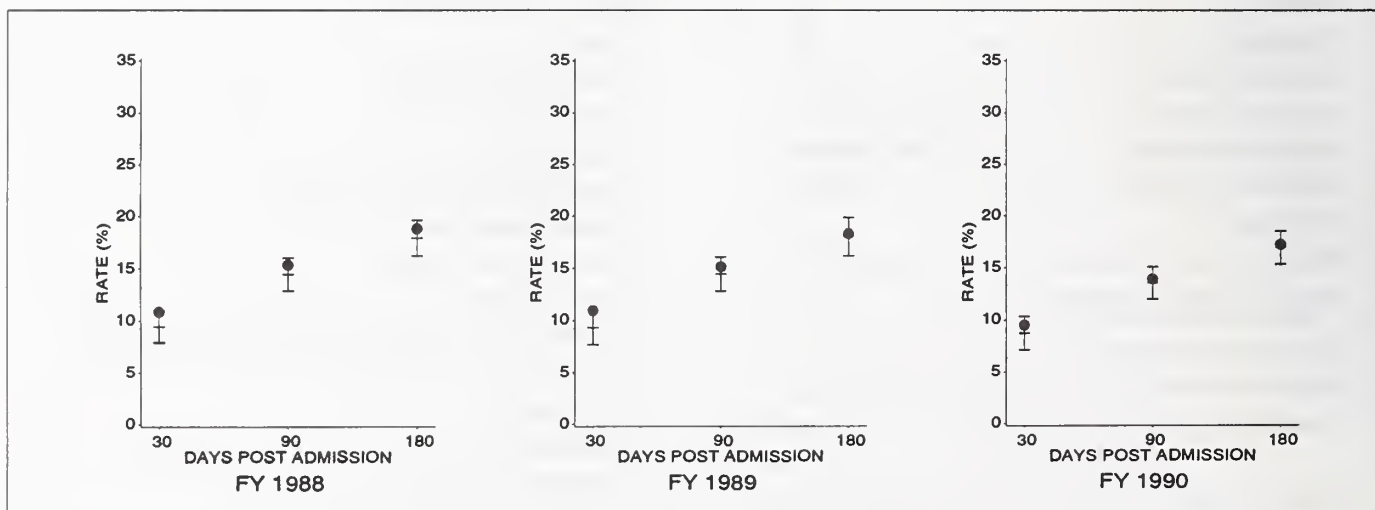
280 W MAC ARTHUR BLVD  
OAKLAND, CA 94611  
Medicare Provider Number: 050075

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 2305            | 9.5                 | 8.7  | 0.8   | 13.9    | 13.5 | 0.8   | 17.2     | 16.9 | 0.8   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 72              | 18.1                | 20.1 | 5.9   | 19.4    | 23.1 | 6.7   | 20.8     | 25.7 | 7.0   |
| Congestive Heart Failure.....              | 91              | 14.3                | 13.8 | 4.1   | 22.0    | 22.0 | 4.4   | 26.4     | 27.9 | 4.9   |
| Pneumonia/Influenza.....                   | 111             | 18.0                | 15.3 | 6.6   | 24.3    | 21.2 | 5.9   | 27.0     | 25.3 | 5.2   |
| Chronic Obstructive Pulmonary Disease..... | 30              | 16.7                | 8.4  | ----- | 23.3    | 14.8 | ----- | 26.7     | 19.6 | ----- |
| Transient Cerebral Ischemia.....           | 12              | 0.0                 | 1.2  | ----- | 8.3     | 3.1  | ----- | 8.3      | 5.7  | ----- |
| Stroke.....                                | 120             | 19.2                | 18.8 | 5.6   | 24.2    | 25.0 | 5.7   | 26.7     | 28.8 | 5.7   |
| Hip Fracture.....                          | 79              | 6.3                 | 4.9  | 2.6   | 12.7    | 9.1  | 4.0   | 17.7     | 12.1 | 5.4   |
| Sepsis.....                                | 13              | 61.5                | 23.0 | ----- | 76.9    | 32.3 | ----- | 76.9     | 37.7 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 18              | 11.1                | 2.7  | ----- | 11.1    | 5.5  | ----- | 11.1     | 8.5  | ----- |
| Carotid Endarterectomy.....                | 3               | 0.0                 | 0.6  | ----- | 0.0     | 1.1  | ----- | 0.0      | 1.6  | ----- |
| Hip Replacement/Reconstruction.....        | 75              | 4.0                 | 2.0  | 2.4   | 5.3     | 3.9  | 3.0   | 6.7      | 5.4  | 4.9   |
| Open Reduction of Hip Fracture.....        | 28              | 3.6                 | 4.4  | ----- | 3.6     | 8.7  | ----- | 14.3     | 11.9 | ----- |
| Prostatectomy.....                         | 94              | 0.0                 | 0.6  | 1.4   | 4.3     | 1.5  | 2.1   | 5.3      | 2.5  | 2.1   |
| Cholecystectomy.....                       | 48              | 0.0                 | 1.7  | ----- | 0.0     | 3.2  | ----- | 2.1      | 4.5  | ----- |
| Hysterectomy.....                          | 33              | 0.0                 | 1.0  | ----- | 6.1     | 2.4  | ----- | 6.1      | 3.8  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# KAISER FOUNDATION HOSPITAL OAKLAND

Medicare Provider Number: 050075

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 74.9 years  
Proportion female..... 51.5 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 35.4 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 25.4 %  
Admitted for emergency..... 39.4 %

### COMORBIDITIES:

Cancer..... 10.0 %  
Chronic cardiovascular disease..... 24.7 %  
Chronic liver disease..... 0.7 %  
Chronic renal disease..... 2.3 %  
Chronic pulmonary disease..... 7.8 %  
Cerebrovascular degeneration..... 4.0 %  
Diabetes mellitus..... 6.0 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 80.2%  
State ..... 19.3%  
Outside State ..... 0.5%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 6.2 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 257  
Occupancy Rate ..... 84.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... (Not Available)  
Case Mix Index (CMI) ..... 1.1987

### STAFFING:

Total Number of Physicians..... (Not Available)  
Percent of Physicians Board  
Certified Specialists ..... (Not Available)  
Medical Residents/Interns ..... (Not Available)  
Registered Nurses ..... (Not Available)  
Licensed Practical Nurses ..... (Not Available)

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... Yes  
Hospice Care ..... Yes  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# KAISER FOUNDATION HOSPITAL RICHMOND

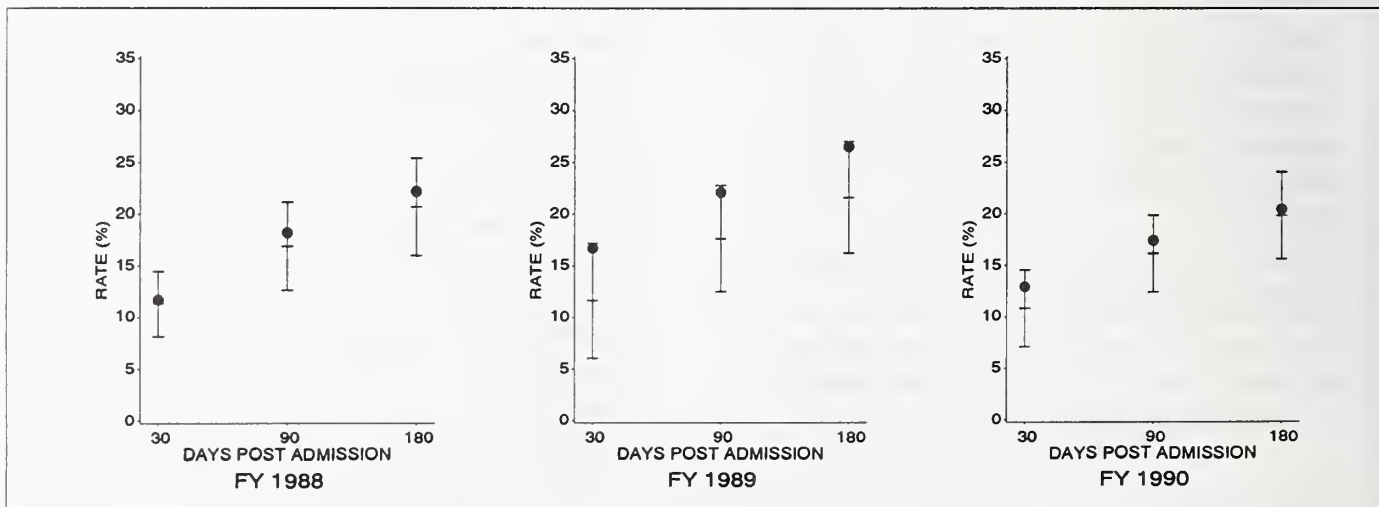
1330 CUTTING BLVD  
RICHMOND, CA 94804  
Medicare Provider Number: 050074

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 466             | 12.9                | 10.8 | 1.9   | 17.4    | 16.1 | 1.9   | 20.4     | 19.8 | 2.1   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 29              | 13.8                | 19.0 | ----- | 13.8    | 21.5 | ----- | 17.2     | 23.7 | ----- |
| Congestive Heart Failure.....              | 39              | 17.9                | 13.3 | ----- | 17.9    | 20.8 | ----- | 25.6     | 26.9 | ----- |
| Pneumonia/Influenza.....                   | 51              | 19.6                | 14.0 | 7.7   | 23.5    | 19.7 | 7.4   | 27.5     | 23.2 | 7.4   |
| Chronic Obstructive Pulmonary Disease..... | 10              | 10.0                | 7.4  | ----- | 10.0    | 13.7 | ----- | 10.0     | 18.8 | ----- |
| Transient Cerebral Ischemia.....           | 8               | 0.0                 | 1.3  | ----- | 12.5    | 3.1  | ----- | 12.5     | 5.3  | ----- |
| Stroke.....                                | 34              | 17.6                | 13.9 | ----- | 20.6    | 19.8 | ----- | 20.6     | 23.5 | ----- |
| Hip Fracture.....                          | 1               | 0.0                 | 2.0  | ----- | 0.0     | 3.9  | ----- | 0.0      | 6.1  | ----- |
| Sepsis.....                                | 2               | 0.0                 | 12.8 | ----- | 0.0     | 16.8 | ----- | 0.0      | 19.9 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 1               | 0.0                 | 9.4  | ----- | 0.0     | 16.8 | ----- | 0.0      | 23.6 | ----- |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 0               |                     |      |       |         |      |       |          |      |       |
| Open Reduction of Hip Fracture.....        | 0               |                     |      |       |         |      |       |          |      |       |
| Prostatectomy.....                         | 0               |                     |      |       |         |      |       |          |      |       |
| Cholecystectomy.....                       | 0               |                     |      |       |         |      |       |          |      |       |
| Hysterectomy.....                          | 0               |                     |      |       |         |      |       |          |      |       |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# KAISER FOUNDATION HOSPITAL RICHMOND

Medicare Provider Number: 050074

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 74.5 years  
Proportion female..... 49.4 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 9.4 %  
Transferred from skilled nursing facility..... 0.2 %  
Admitted for elective procedure..... 0.0 %  
Admitted for emergency..... 21.2 %

### COMORBIDITIES:

Cancer..... 5.6 %  
Chronic cardiovascular disease..... 30.3 %  
Chronic liver disease..... 1.5 %  
Chronic renal disease..... 3.4 %  
Chronic pulmonary disease..... 17.2 %  
Cerebrovascular degeneration..... 4.7 %  
Diabetes mellitus..... 12.2 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 89.8%  
State ..... 9.9%  
Outside State ..... 0.3%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 5.8 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1984

### PROFILE:

Total Beds ..... 74  
Ownership/Control..... Private, Non-Profit  
Case Mix Index (CMI) ..... 0.9998

### STAFFING:

Medical Residents/Interns ..... 0  
Registered Nurses..... 16  
Licensed Practical Nurses ..... 10

### SPECIALTY SERVICES:

Burn Unit ..... No  
Coronary Care Unit ..... Yes  
Hospice Care ..... No  
Intensive Care Unit ..... Yes  
Organ Transplant ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... Yes  
Psychiatric ..... Yes  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# KAISER FOUNDATION HOSPITAL SO SACRAMENTO

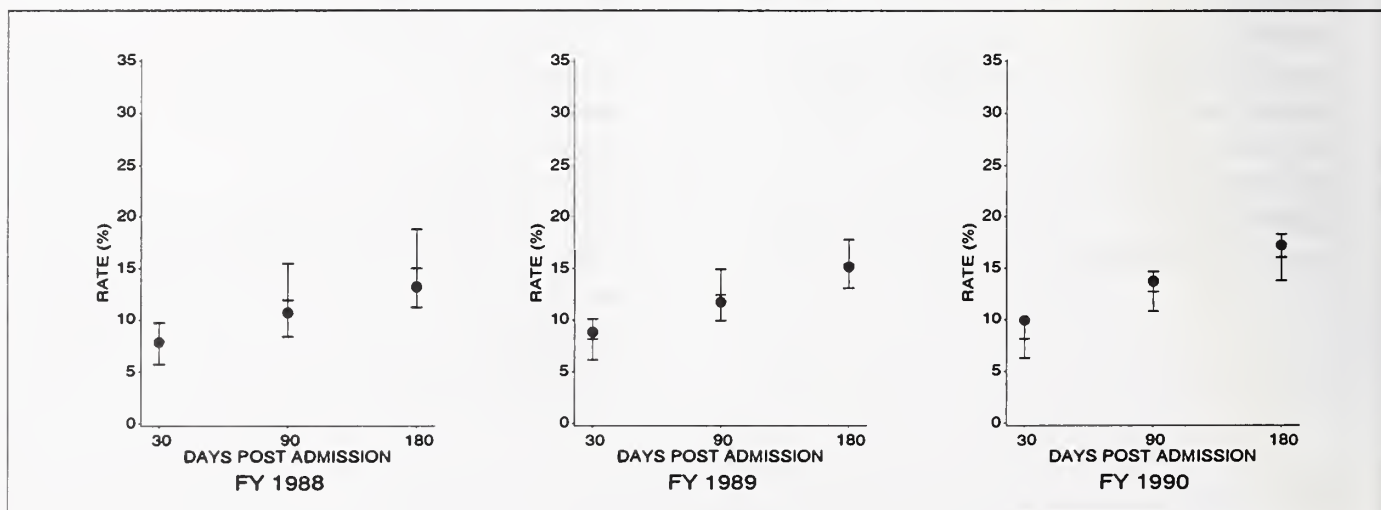
6600 BRUCEVILLE ROAD  
SACRAMENTO, CA 95823  
Medicare Provider Number: 050674

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1311            | 9.9                 | 8.1  | 0.9   | 13.7    | 12.7 | 1.0   | 17.2     | 16.0 | 1.1   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 45              | 15.6                | 21.8 | ----- | 17.8    | 25.8 | ----- | 20.0     | 28.6 | ----- |
| Congestive Heart Failure.....              | 50              | 10.0                | 15.0 | ----- | 18.0    | 23.6 | ----- | 24.0     | 29.9 | ----- |
| Pneumonia/Influenza.....                   | 66              | 19.7                | 14.4 | 6.3   | 25.8    | 20.0 | 5.8   | 28.8     | 23.8 | 5.9   |
| Chronic Obstructive Pulmonary Disease..... | 26              | 11.5                | 8.1  | ----- | 19.2    | 14.7 | ----- | 26.9     | 19.9 | ----- |
| Transient Cerebral Ischemia.....           | 10              | 0.0                 | 1.2  | ----- | 0.0     | 2.6  | ----- | 10.0     | 4.3  | ----- |
| Stroke.....                                | 67              | 16.4                | 17.7 | 4.9   | 20.9    | 24.0 | 7.0   | 26.9     | 27.6 | 7.7   |
| Hip Fracture.....                          | 33              | 9.1                 | 6.8  | ----- | 9.1     | 11.8 | ----- | 15.2     | 15.6 | ----- |
| Sepsis.....                                | 22              | 27.3                | 16.7 | ----- | 31.8    | 23.9 | ----- | 36.4     | 28.1 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 7               | 14.3                | 2.1  | ----- | 28.6    | 4.6  | ----- | 28.6     | 7.4  | ----- |
| Carotid Endarterectomy.....                | 1               | 0.0                 | 0.8  | ----- | 0.0     | 1.5  | ----- | 0.0      | 2.2  | ----- |
| Hip Replacement/Reconstruction.....        | 26              | 7.7                 | 1.4  | ----- | 7.7     | 2.5  | ----- | 7.7      | 3.4  | ----- |
| Open Reduction of Hip Fracture.....        | 9               | 11.1                | 7.8  | ----- | 11.1    | 15.4 | ----- | 22.2     | 21.2 | ----- |
| Prostatectomy.....                         | 52              | 0.0                 | 0.5  | 1.2   | 0.0     | 1.2  | 2.1   | 0.0      | 2.2  | 3.4   |
| Cholecystectomy.....                       | 27              | 0.0                 | 1.0  | ----- | 0.0     | 1.7  | ----- | 0.0      | 2.2  | ----- |
| Hysterectomy.....                          | 13              | 0.0                 | 0.1  | ----- | 0.0     | 0.3  | ----- | 0.0      | 0.5  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# KAISER FOUNDATION HOSPITAL SO SACRAMENTO

Medicare Provider Number: 050674

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 72.7 years  
Proportion female..... 47.3 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 29.7 %  
Transferred from skilled nursing facility..... 2.2 %  
Admitted for elective procedure..... 20.4 %  
Admitted for emergency..... 23.4 %

### COMORBIDITIES:

Cancer..... 8.2 %  
Chronic cardiovascular disease..... 33.1 %  
Chronic liver disease..... 0.8 %  
Chronic renal disease..... 3.1 %  
Chronic pulmonary disease..... 16.4 %  
Cerebrovascular degeneration..... 3.7 %  
Diabetes mellitus..... 7.0 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 79.1%  
State ..... 20.1%  
Outside State ..... 0.8%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 5.8 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 145  
Occupancy Rate ..... 73.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 29.6 %  
Case Mix Index (CMI) ..... 1.1357

### STAFFING:

Total Number of Physicians..... 92  
Percent of Physicians Board  
Certified Specialists ..... 81.5 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 89  
Licensed Practical Nurses ..... 6

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... Yes  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation ..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# KAISER FOUNDATION HOSPITAL VALLEJO

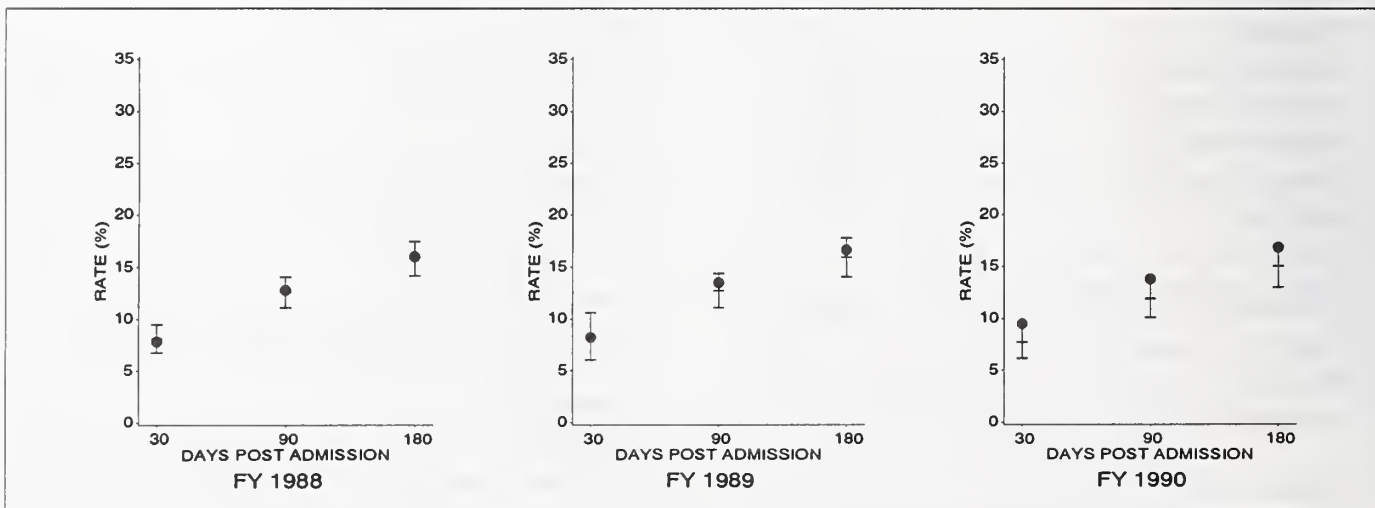
975 SERENO DR  
VALLEJO, CA 94590  
Medicare Provider Number: 050073

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 2103            | 9.5                 | 7.7  | 0.8  | 13.8    | 11.9 | 0.9  | 16.8     | 15.0 | 1.0  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 63              | 33.3                | 24.6 | 6.7  | 34.9    | 27.8 | 6.5  | 36.5     | 30.4 | 6.4  |
| Congestive Heart Failure.....              | 84              | 13.1                | 14.5 | 4.0  | 17.9    | 23.5 | 5.6  | 23.8     | 29.5 | 5.9  |
| Pneumonia/Influenza.....                   | 100             | 17.0                | 13.2 | 4.8  | 22.0    | 18.2 | 6.4  | 24.0     | 21.9 | 6.4  |
| Chronic Obstructive Pulmonary Disease..... | 48              | 6.3                 | 5.6  | ---- | 16.7    | 10.2 | ---- | 20.8     | 13.9 | ---- |
| Transient Cerebral Ischemia.....           | 18              | 0.0                 | 1.1  | ---- | 0.0     | 2.7  | ---- | 0.0      | 4.8  | ---- |
| Stroke.....                                | 93              | 28.0                | 15.5 | 5.7  | 34.4    | 21.9 | 6.2  | 38.7     | 25.7 | 6.6  |
| Hip Fracture.....                          | 65              | 3.1                 | 5.1  | 4.0  | 6.2     | 9.3  | 5.4  | 9.2      | 12.2 | 5.9  |
| Sepsis.....                                | 37              | 45.9                | 28.2 | ---- | 48.6    | 37.4 | ---- | 48.6     | 42.5 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 18              | 0.0                 | 2.6  | ---- | 0.0     | 5.4  | ---- | 0.0      | 8.2  | ---- |
| Carotid Endarterectomy.....                | 11              | 0.0                 | 1.1  | ---- | 0.0     | 2.2  | ---- | 0.0      | 3.3  | ---- |
| Hip Replacement/Reconstruction.....        | 39              | 2.6                 | 1.4  | ---- | 2.6     | 2.6  | ---- | 2.6      | 3.5  | ---- |
| Open Reduction of Hip Fracture.....        | 22              | 0.0                 | 4.4  | ---- | 4.5     | 8.2  | ---- | 9.1      | 11.0 | ---- |
| Prostatectomy.....                         | 86              | 1.2                 | 0.5  | 1.1  | 2.3     | 1.2  | 1.9  | 2.3      | 2.2  | 2.2  |
| Cholecystectomy.....                       | 48              | 0.0                 | 1.6  | ---- | 0.0     | 3.1  | ---- | 2.1      | 4.1  | ---- |
| Hysterectomy.....                          | 24              | 0.0                 | 0.2  | ---- | 0.0     | 0.4  | ---- | 0.0      | 0.8  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# KAISER FOUNDATION HOSPITAL VALLEJO

Medicare Provider Number: 050073

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 73.5 years  
Proportion female..... 51.3 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 36.4 %  
Transferred from skilled nursing facility..... 0.3 %  
Admitted for elective procedure..... 23.0 %  
Admitted for emergency..... 29.7 %

### COMORBIDITIES:

Cancer..... 7.8 %  
Chronic cardiovascular disease..... 22.0 %  
Chronic liver disease..... 1.1 %  
Chronic renal disease..... 2.0 %  
Chronic pulmonary disease..... 10.7 %  
Cerebrovascular degeneration..... 4.0 %  
Diabetes mellitus..... 7.0 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 61.6%  
State ..... 37.6%  
Outside State ..... 0.8%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 6.6 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 231  
Occupancy Rate ..... 83.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges .....(Not Available)  
Case Mix Index (CMI) ..... 1.1421

### STAFFING:

Total Number of Physicians..... (Not Available)  
Percent of Physicians Board  
Certified Specialists .....(Not Available)  
Medical Residents/Interns ..... (Not Available)  
Registered Nurses ..... (Not Available)  
Licensed Practical Nurses ..... (Not Available)

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... Yes  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... Yes  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# KAISER FOUNDATION HOSPITAL-SANTA ROSA

401 BICENTENNIAL WAY  
SANTA ROSA, CA 95403  
Medicare Provider Number: 050690

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 480                | 6.5                 | 7.0  | 1.3  | 9.4     | 11.0 | 2.1  | 12.9     | 14.6 | 2.3  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 13                 | 7.7                 | 16.2 | ---- | 7.7     | 18.3 | ---- | 7.7      | 21.2 | ---- |
| Congestive Heart Failure.....              | 21                 | 0.0                 | 10.3 | ---- | 4.8     | 16.3 | ---- | 14.3     | 22.3 | ---- |
| Pneumonia/Influenza.....                   | 16                 | 18.8                | 14.6 | ---- | 25.0    | 19.7 | ---- | 25.0     | 24.4 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 6                  | 0.0                 | 6.3  | ---- | 0.0     | 10.5 | ---- | 0.0      | 15.1 | ---- |
| Transient Cerebral Ischemia.....           | 3                  | 0.0                 | 1.4  | ---- | 0.0     | 2.8  | ---- | 0.0      | 4.5  | ---- |
| Stroke.....                                | 22                 | 22.7                | 10.0 | ---- | 22.7    | 13.7 | ---- | 22.7     | 17.0 | ---- |
| Hip Fracture.....                          | 13                 | 0.0                 | 3.9  | ---- | 0.0     | 6.7  | ---- | 7.7      | 9.3  | ---- |
| Sepsis.....                                | 10                 | 20.0                | 17.8 | ---- | 20.0    | 21.4 | ---- | 30.0     | 25.5 | ---- |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 5                  | 0.0                 | 5.3  | ---- | 0.0     | 8.0  | ---- | 0.0      | 10.3 | ---- |
| Carotid Endarterectomy.....                | 1                  | 0.0                 | 0.8  | ---- | 0.0     | 1.7  | ---- | 0.0      | 2.7  | ---- |
| Hip Replacement/Reconstruction.....        | 16                 | 0.0                 | 0.7  | ---- | 0.0     | 1.4  | ---- | 6.3      | 2.1  | ---- |
| Open Reduction of Hip Fracture.....        | 6                  | 0.0                 | 4.3  | ---- | 0.0     | 7.2  | ---- | 16.7     | 9.8  | ---- |
| Prostatectomy.....                         | 24                 | 4.2                 | 0.7  | ---- | 4.2     | 1.7  | ---- | 4.2      | 3.0  | ---- |
| Cholecystectomy.....                       | 12                 | 0.0                 | 2.6  | ---- | 0.0     | 5.8  | ---- | 0.0      | 8.7  | ---- |
| Hysterectomy.....                          | 5                  | 0.0                 | 2.0  | ---- | 20.0    | 5.1  | ---- | 20.0     | 8.6  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES

No Graphs are presented when the standard deviation  
was not computed for one or more of the three fiscal years,  
(1988, 1989, or 1990)



# KAISER FOUNDATION HOSPITAL-SANTA ROSA

Medicare Provider Number: 050690

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 73.3 years  
Proportion female..... 47.7 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 51.3 %  
Transferred from skilled nursing facility..... 0.2 %  
Admitted for elective procedure..... 27.3 %  
Admitted for emergency..... 12.9 %

### COMORBIDITIES:

Cancer..... 13.3 %  
Chronic cardiovascular disease..... 33.8 %  
Chronic liver disease..... 1.3 %  
Chronic renal disease..... 1.5 %  
Chronic pulmonary disease..... 13.5 %  
Cerebrovascular degeneration..... 3.1 %  
Diabetes mellitus..... 6.3 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 80.8%  
State ..... 18.4%  
Outside State ..... 0.8%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 5.9 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 110  
Ownership/Control..... Private, Non-Profit  
Case Mix Index (CMI) ..... 1.1930

### STAFFING:

Medical Residents/Interns ..... 0  
Registered Nurses..... 132  
Licensed Practical Nurses ..... 0

### SPECIALTY SERVICES:

Burn Unit ..... No  
Coronary Care Unit ..... Yes  
Hospice Care ..... Yes  
Intensive Care Unit ..... Yes  
Organ Transplant ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# KAWEAH DELTA DISTRICT HOSPITAL

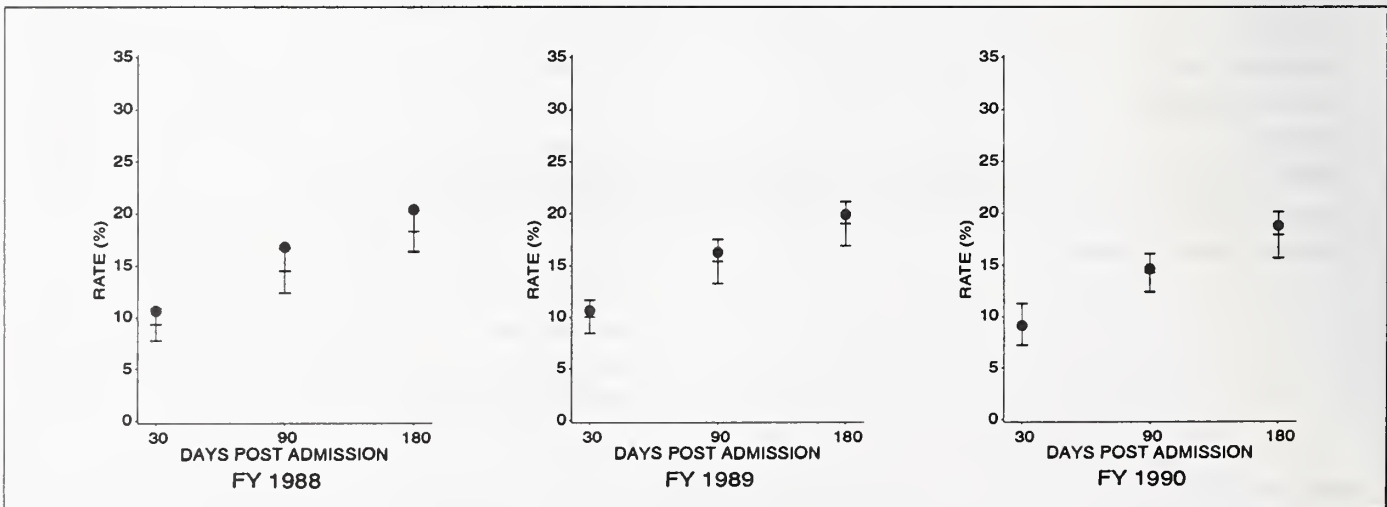
400 W MINERAL KING AVE  
VISALIA, CA 93291  
Medicare Provider Number: 050057

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 2351            | 9.1                 | 9.2  | 1.0   | 14.6    | 14.2 | 0.9   | 18.8     | 17.9 | 1.1   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 62              | 21.0                | 21.7 | 5.4   | 27.4    | 24.6 | 6.7   | 27.4     | 27.2 | 6.6   |
| Congestive Heart Failure.....              | 95              | 12.6                | 14.6 | 4.1   | 20.0    | 23.4 | 4.6   | 35.8     | 29.4 | 6.5   |
| Pneumonia/Influenza.....                   | 116             | 21.6                | 15.8 | 6.2   | 32.8    | 22.7 | 6.1   | 37.1     | 26.9 | 5.6   |
| Chronic Obstructive Pulmonary Disease..... | 37              | 8.1                 | 6.5  | ----- | 16.2    | 11.4 | ----- | 21.6     | 15.4 | ----- |
| Transient Cerebral Ischemia.....           | 26              | 0.0                 | 2.2  | ----- | 0.0     | 4.9  | ----- | 7.7      | 7.8  | ----- |
| Stroke.....                                | 85              | 12.9                | 20.2 | 8.3   | 24.7    | 27.3 | 8.4   | 27.1     | 31.1 | 7.7   |
| Hip Fracture.....                          | 86              | 4.7                 | 6.5  | 3.3   | 10.5    | 11.3 | 3.5   | 14.0     | 14.8 | 4.5   |
| Sepsis.....                                | 45              | 20.0                | 20.0 | ----- | 33.3    | 25.8 | ----- | 35.6     | 29.8 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 15              | 0.0                 | 4.3  | ----- | 0.0     | 7.9  | ----- | 13.3     | 10.8 | ----- |
| Carotid Endarterectomy.....                | 53              | 3.8                 | 1.4  | 3.8   | 5.7     | 2.6  | 6.2   | 7.5      | 4.0  | 6.1   |
| Hip Replacement/Reconstruction.....        | 64              | 3.1                 | 3.1  | 3.5   | 7.8     | 5.7  | 3.7   | 9.4      | 7.6  | 3.8   |
| Open Reduction of Hip Fracture.....        | 43              | 4.7                 | 5.5  | ----- | 9.3     | 9.9  | ----- | 14.0     | 13.0 | ----- |
| Prostatectomy.....                         | 92              | 0.0                 | 0.8  | 2.4   | 1.1     | 1.8  | 2.9   | 5.4      | 3.1  | 2.6   |
| Cholecystectomy.....                       | 58              | 1.7                 | 1.7  | 2.1   | 5.2     | 3.2  | 3.8   | 6.9      | 4.3  | 5.4   |
| Hysterectomy.....                          | 30              | 3.3                 | 0.7  | ----- | 3.3     | 1.6  | ----- | 6.7      | 2.6  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# KAWEAH DELTA DISTRICT HOSPITAL

Medicare Provider Number: 050057

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 72.8 years  
Proportion female..... 54.0 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 52.8 %  
Transferred from skilled nursing facility..... 0.7 %  
Admitted for elective procedure..... 25.6 %  
Admitted for emergency..... 39.3 %

### COMORBIDITIES:

Cancer..... 9.1 %  
Chronic cardiovascular disease..... 40.3 %  
Chronic liver disease..... 1.2 %  
Chronic renal disease..... 7.9 %  
Chronic pulmonary disease..... 20.9 %  
Cerebrovascular degeneration..... 3.1 %  
Diabetes mellitus..... 11.4 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 87.6%  
State ..... 10.8%  
Outside State ..... 1.6%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 7.9 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 189  
Occupancy Rate ..... 97.0 %  
Ownership/Control..... District/Authority  
Medicare Discharges .....(Not Available)  
Case Mix Index (CMI) ..... 1.3848

### STAFFING:

Total Number of Physicians..... 153  
Percent of Physicians Board  
Certified Specialists..... 77.1 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 374  
Licensed Practical Nurses ..... 55

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... Yes  
Other Intensive Care ..... Yes  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... Yes  
Psychiatric ..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# KINGSBURG MEDICAL CENTER

1200 SMITH ST  
KINGSBURG, CA 93631  
Medicare Provider Number: 050682

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 33                 | 0.0                 | 2.5  | ---- | 0.0     | 4.1  | ---- | 0.0      | 5.8  | ---- |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Congestive Heart Failure.....              | 0                  |                     |      |      |         |      |      |          |      |      |
| Pneumonia/Influenza.....                   | 3                  | 0.0                 | 11.8 | ---- | 0.0     | 15.3 | ---- | 0.0      | 19.2 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 0                  |                     |      |      |         |      |      |          |      |      |
| Transient Cerebral Ischemia.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Stroke.....                                | 0                  |                     |      |      |         |      |      |          |      |      |
| Hip Fracture.....                          | 0                  |                     |      |      |         |      |      |          |      |      |
| Sepsis.....                                | 0                  |                     |      |      |         |      |      |          |      |      |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0                  |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 0                  |                     |      |      |         |      |      |          |      |      |
| Open Reduction of Hip Fracture.....        | 0                  |                     |      |      |         |      |      |          |      |      |
| Prostatectomy.....                         | 1                  | 0.0                 | 1.5  | ---- | 0.0     | 3.0  | ---- | 0.0      | 5.1  | ---- |
| Cholecystectomy.....                       | 0                  |                     |      |      |         |      |      |          |      |      |
| Hysterectomy.....                          | 0                  |                     |      |      |         |      |      |          |      |      |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES

No Graphs are presented when the standard deviation  
was not computed for one or more of the three fiscal years,  
(1988, 1989, or 1990)



# KINGSBURG MEDICAL CENTER

Medicare Provider Number: 050682

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 62.5 years  
Proportion female..... 42.4 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 100.0 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 0.0 %  
Admitted for emergency..... 0.0 %

### COMORBIDITIES:

Cancer..... 3.0 %  
Chronic cardiovascular disease..... 15.2 %  
Chronic liver disease..... 27.3 %  
Chronic renal disease..... 0.0 %  
Chronic pulmonary disease..... 0.0 %  
Cerebrovascular degeneration..... 6.1 %  
Diabetes mellitus..... 6.1 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 45.8%  
State ..... 52.1%  
Outside State ..... 2.1%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 6.8 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1988

### PROFILE:

Total Beds ..... 31  
Ownership/Control..... Private, Non-Profit  
Case Mix Index (CMI) ..... 0.7724

### STAFFING:

Medical Residents/Interns ..... 4  
Registered Nurses..... 14  
Licensed Practical Nurses ..... 9

### SPECIALTY SERVICES:

Burn Unit ..... No  
Coronary Care Unit ..... No  
Hospice Care ..... No  
Intensive Care Unit ..... No  
Organ Transplant ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... Yes  
Rehabilitation..... No  
Psychiatric ..... Yes  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# LAGUNA HONDA HOSPITAL

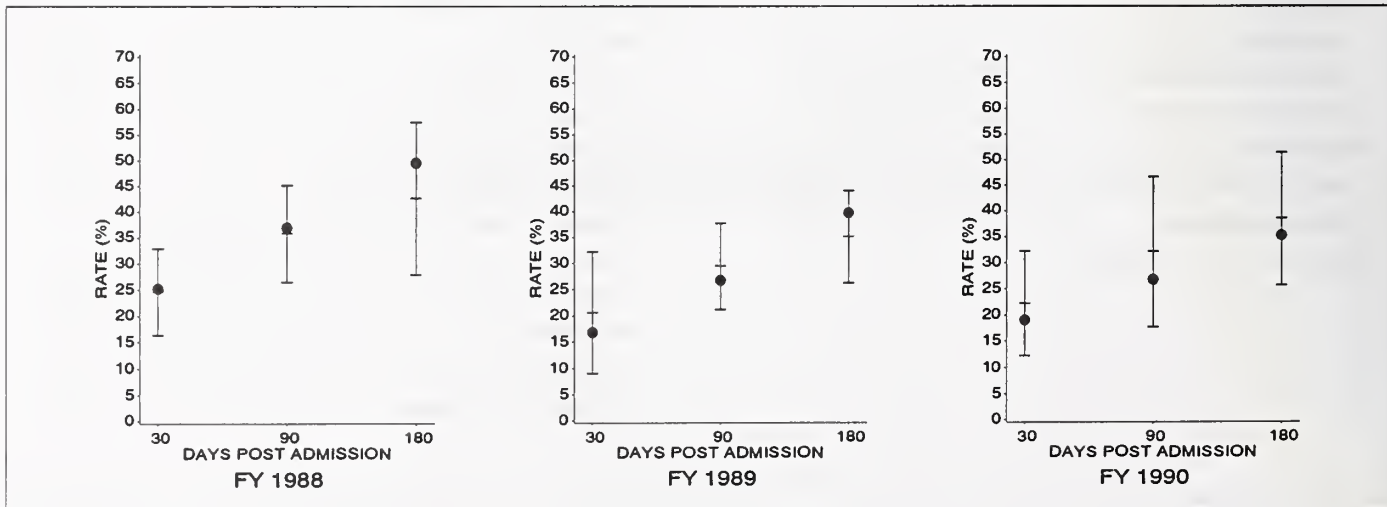
375 LAGUNA HONDA BLVD  
SAN FRANCISCO, CA 94116  
Medicare Provider Number: 050668

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 105             | 19.0                | 22.2 | 5.0  | 26.7    | 32.1 | 7.2  | 35.2     | 38.5 | 6.4  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 0               |                     |      |      |         |      |      |          |      |      |
| Congestive Heart Failure.....              | 6               | 33.3                | 26.6 | ---- | 50.0    | 39.5 | ---- | 50.0     | 47.4 | ---- |
| Pneumonia/Influenza.....                   | 27              | 14.8                | 22.7 | ---- | 22.2    | 30.7 | ---- | 22.2     | 36.3 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 5               | 40.0                | 26.4 | ---- | 40.0    | 43.6 | ---- | 60.0     | 52.7 | ---- |
| Transient Cerebral Ischemia.....           | 0               |                     |      |      |         |      |      |          |      |      |
| Stroke.....                                | 1               | 0.0                 | 36.1 | ---- | 0.0     | 52.0 | ---- | 0.0      | 58.9 | ---- |
| Hip Fracture.....                          | 0               |                     |      |      |         |      |      |          |      |      |
| Sepsis.....                                | 5               | 0.0                 | 26.6 | ---- | 0.0     | 38.3 | ---- | 20.0     | 43.8 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0               |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 0               |                     |      |      |         |      |      |          |      |      |
| Open Reduction of Hip Fracture.....        | 0               |                     |      |      |         |      |      |          |      |      |
| Prostatectomy.....                         | 0               |                     |      |      |         |      |      |          |      |      |
| Cholecystectomy.....                       | 0               |                     |      |      |         |      |      |          |      |      |
| Hysterectomy.....                          | 0               |                     |      |      |         |      |      |          |      |      |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# LAGUNA HONDA HOSPITAL

Medicare Provider Number: 050668

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 78.7 years  
Proportion female..... 49.5 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 7.6 %  
Transferred from skilled nursing facility..... 91.4 %  
Admitted for elective procedure..... 0.0 %  
Admitted for emergency..... 100.0 %

### COMORBIDITIES:

Cancer..... 1.0 %  
Chronic cardiovascular disease..... 30.5 %  
Chronic liver disease..... 0.0 %  
Chronic renal disease..... 4.8 %  
Chronic pulmonary disease..... 9.5 %  
Cerebrovascular degeneration..... 10.5 %  
Diabetes mellitus..... 6.7 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 97.3%  
State ..... 0.7%  
Outside State ..... 2.0%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 8.9 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 1126  
Occupancy Rate ..... 95.0 %  
Ownership/Control..... Local Government  
Medicare Discharges ..... 19.5 %  
Case Mix Index (CMI) ..... 1.1137

### STAFFING:

Total Number of Physicians..... 90  
Percent of Physicians Board  
Certified Specialists ..... 60.0 %  
Medical Residents/Interns ..... (Not Available)  
Registered Nurses..... (Not Available)  
Licensed Practical Nurses ..... (Not Available)

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... Yes  
Hospice Care ..... Yes  
Medical/Surgical Intensive Care ..... No  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... Yes  
Psychiatric ..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# LAKESIDE COMMUNITY HOSPITAL

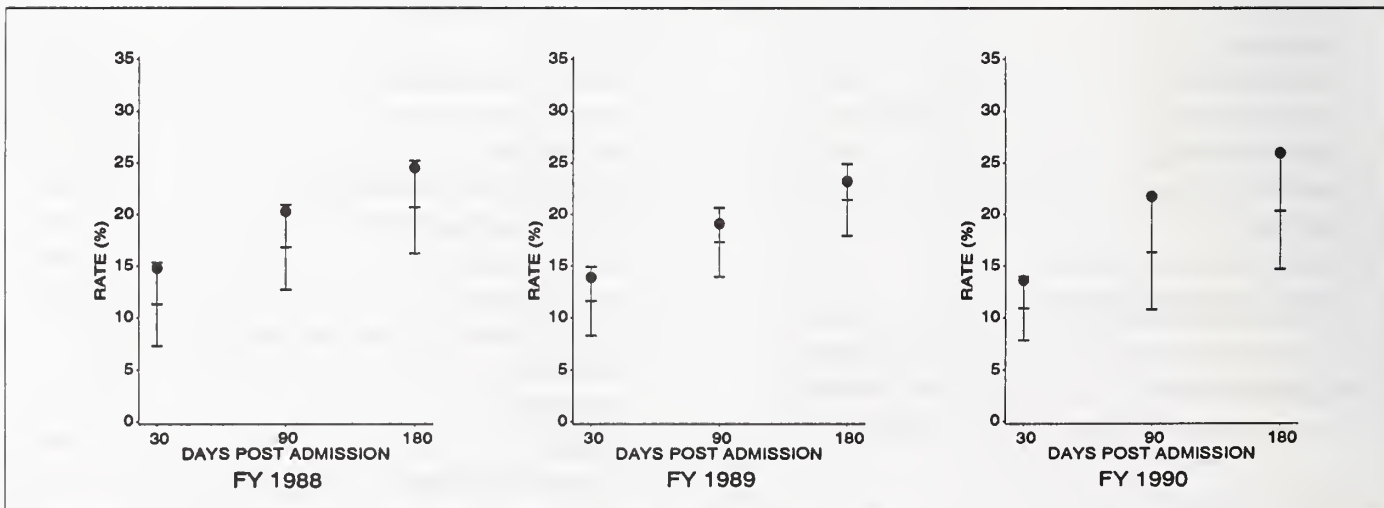
5176 HILL ROAD EAST  
LAKEPORT, CA 95453  
Medicare Provider Number: 050476

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 765             | 13.6                | 10.9 | 1.5   | 21.7    | 16.3 | 2.8   | 25.9     | 20.3 | 2.8   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 33              | 45.5                | 25.2 | ----- | 48.5    | 28.6 | ----- | 48.5     | 31.6 | ----- |
| Congestive Heart Failure.....              | 38              | 26.3                | 14.2 | ----- | 34.2    | 22.6 | ----- | 42.1     | 28.8 | ----- |
| Pneumonia/Influenza.....                   | 59              | 22.0                | 14.7 | 7.1   | 37.3    | 20.3 | 8.7   | 40.7     | 24.2 | 8.9   |
| Chronic Obstructive Pulmonary Disease..... | 13              | 15.4                | 7.1  | ----- | 30.8    | 13.4 | ----- | 46.2     | 18.6 | ----- |
| Transient Cerebral Ischemia.....           | 11              | 0.0                 | 1.7  | ----- | 9.1     | 3.9  | ----- | 9.1      | 6.3  | ----- |
| Stroke.....                                | 43              | 20.9                | 17.1 | ----- | 25.6    | 23.3 | ----- | 32.6     | 27.3 | ----- |
| Hip Fracture.....                          | 27              | 22.2                | 7.9  | ----- | 33.3    | 13.5 | ----- | 33.3     | 17.1 | ----- |
| Sepsis.....                                | 18              | 16.7                | 21.6 | ----- | 38.9    | 29.0 | ----- | 50.0     | 33.5 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 11              | 0.0                 | 2.9  | ----- | 18.2    | 5.2  | ----- | 18.2     | 7.4  | ----- |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 20              | 10.0                | 5.2  | ----- | 20.0    | 9.0  | ----- | 20.0     | 11.8 | ----- |
| Open Reduction of Hip Fracture.....        | 14              | 21.4                | 5.7  | ----- | 28.6    | 10.4 | ----- | 28.6     | 13.7 | ----- |
| Prostatectomy.....                         | 22              | 9.1                 | 1.0  | ----- | 13.6    | 2.1  | ----- | 13.6     | 3.7  | ----- |
| Cholecystectomy.....                       | 19              | 5.3                 | 1.0  | ----- | 5.3     | 1.8  | ----- | 5.3      | 2.5  | ----- |
| Hysterectomy.....                          | 1               | 0.0                 | 0.1  | ----- | 0.0     | 0.2  | ----- | 0.0      | 0.3  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# LAKE SIDE COMMUNITY HOSPITAL

Medicare Provider Number: 050476

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 75.0 years |
| Proportion female.....        | 50.8 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 46.7 % |
| Transferred from skilled nursing facility..... | 0.0 %  |
| Admitted for elective procedure.....           | 0.8 %  |
| Admitted for emergency.....                    | 14.6 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 8.9 %  |
| Chronic cardiovascular disease..... | 38.7 % |
| Chronic liver disease.....          | 2.1 %  |
| Chronic renal disease.....          | 3.7 %  |
| Chronic pulmonary disease.....      | 26.9 % |
| Cerebrovascular degeneration.....   | 3.5 %  |
| Diabetes mellitus.....              | 8.9 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 93.2%  |
| State .....         | 6.5%   |
| Outside State ..... | 0.3%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 5.5 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 59                  |
| Occupancy Rate .....       | 54.0 %              |
| Ownership/Control.....     | Private, Non-Profit |
| Medicare Discharges .....  | 68.4 %              |
| Case Mix Index (CMI) ..... | 1.2806              |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 44     |
| Percent of Physicians Board<br>Certified Specialists ..... | 56.8 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 56     |
| Licensed Practical Nurses .....                            | 16     |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | Yes |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | No  |
| Psychiatric .....         | No  |
| Medicare Swing Beds ..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# LASSEN COMMUNITY HOSPITAL

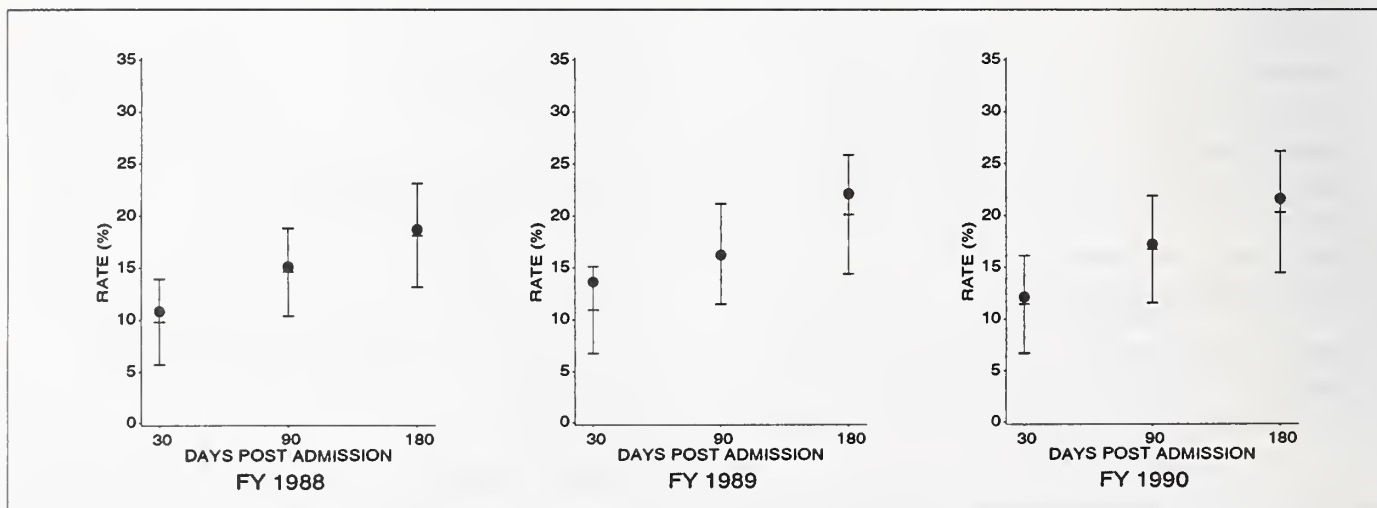
HOSPITAL LANE WEST STS  
SUSANVILLE, CA 96130  
Medicare Provider Number: 050251

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 232             | 12.1                | 11.4 | 2.4   | 17.2    | 16.7 | 2.6   | 21.6     | 20.3 | 2.9   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 8               | 12.5                | 27.0 | ----- | 12.5    | 29.9 | ----- | 12.5     | 32.3 | ----- |
| Congestive Heart Failure.....              | 21              | 4.8                 | 14.4 | ----- | 19.0    | 22.4 | ----- | 28.6     | 28.4 | ----- |
| Pneumonia/Influenza.....                   | 22              | 27.3                | 13.5 | ----- | 27.3    | 18.8 | ----- | 27.3     | 22.1 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 6               | 0.0                 | 6.3  | ----- | 0.0     | 10.9 | ----- | 16.7     | 14.3 | ----- |
| Transient Cerebral Ischemia.....           | 2               | 0.0                 | 1.8  | ----- | 0.0     | 4.5  | ----- | 0.0      | 7.6  | ----- |
| Stroke.....                                | 9               | 11.1                | 19.2 | ----- | 11.1    | 23.5 | ----- | 22.2     | 26.3 | ----- |
| Hip Fracture.....                          | 5               | 0.0                 | 4.1  | ----- | 20.0    | 7.6  | ----- | 20.0     | 10.3 | ----- |
| Sepsis.....                                | 1               | 0.0                 | 33.8 | ----- | 0.0     | 44.3 | ----- | 0.0      | 48.5 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 5               | 0.0                 | 5.2  | ----- | 20.0    | 9.7  | ----- | 20.0     | 14.5 | ----- |
| Open Reduction of Hip Fracture.....        | 3               | 0.0                 | 4.4  | ----- | 0.0     | 8.4  | ----- | 0.0      | 11.6 | ----- |
| Prostatectomy.....                         | 0               |                     |      |       |         |      |       |          |      |       |
| Cholecystectomy.....                       | 0               |                     |      |       |         |      |       |          |      |       |
| Hysterectomy.....                          | 1               | 0.0                 | 0.5  | ----- | 0.0     | 1.1  | ----- | 0.0      | 1.9  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# LASSEN COMMUNITY HOSPITAL

Medicare Provider Number: 050251

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 74.7 years  
Proportion female..... 58.2 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 41.4 %  
Transferred from skilled nursing facility..... 1.3 %  
Admitted for elective procedure..... 0.4 %  
Admitted for emergency..... 53.4 %

### COMORBIDITIES:

Cancer..... 6.0 %  
Chronic cardiovascular disease..... 41.8 %  
Chronic liver disease..... 2.6 %  
Chronic renal disease..... 0.9 %  
Chronic pulmonary disease..... 23.3 %  
Cerebrovascular degeneration..... 3.4 %  
Diabetes mellitus..... 9.5 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 89.0%  
State..... 5.8%  
Outside State..... 5.2%  
Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 3.8 Days  
State..... 7.1 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds..... 59  
Occupancy Rate..... 59.0 %  
Ownership/Control..... Church  
Medicare Discharges..... 30.6 %  
Case Mix Index (CMI)..... 1.2189

### STAFFING:

Total Number of Physicians..... 13  
Percent of Physicians Board  
Certified Specialists..... 61.5 %  
Medical Residents/Interns..... (Not Available)  
Registered Nurses..... (Not Available)  
Licensed Practical Nurses..... (Not Available)

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Trauma Center..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... No  
Rehabilitation..... No  
Psychiatric..... No  
Medicare Swing Beds..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# LINDSAY HOSPITAL MEDICAL CENTER

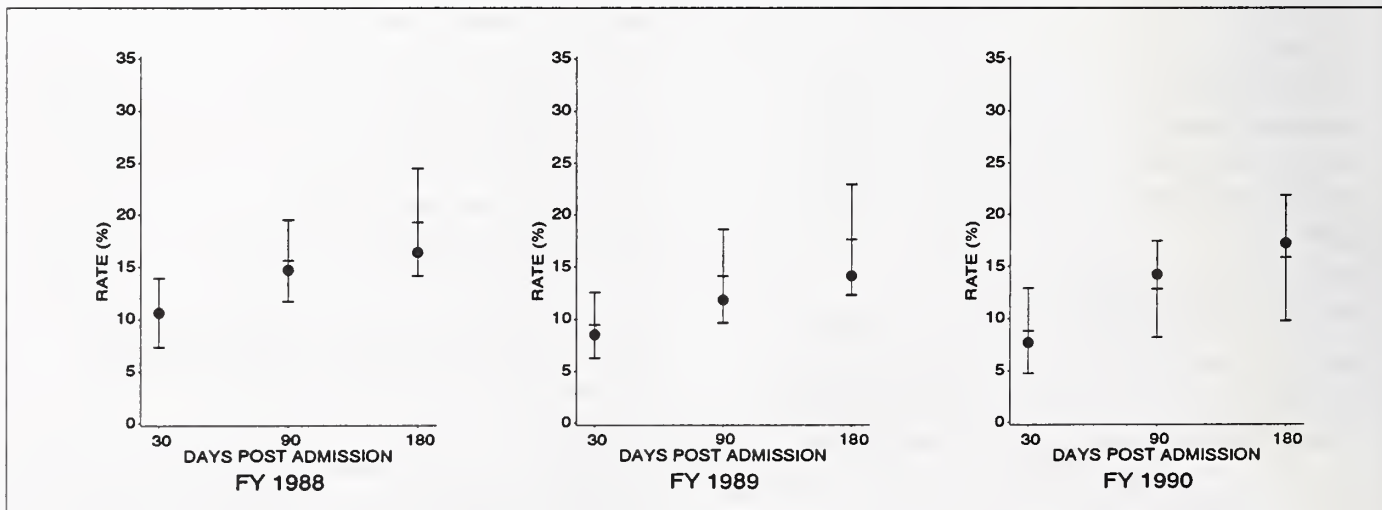
740 N SEQUOIA AVE BOX 40  
LINDSAY, CA 93247  
Medicare Provider Number: 050068

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 338             | 7.7                 | 8.8  | 2.0   | 14.2    | 12.8 | 2.3   | 17.2     | 15.8 | 3.0   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 18              | 33.3                | 22.2 | ----- | 33.3    | 24.9 | ----- | 33.3     | 27.5 | ----- |
| Congestive Heart Failure.....              | 23              | 8.7                 | 14.1 | ----- | 21.7    | 21.5 | ----- | 30.4     | 27.6 | ----- |
| Pneumonia/Influenza.....                   | 21              | 14.3                | 12.3 | ----- | 23.8    | 17.3 | ----- | 23.8     | 20.7 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 11              | 0.0                 | 6.0  | ----- | 9.1     | 10.9 | ----- | 9.1      | 15.3 | ----- |
| Transient Cerebral Ischemia.....           | 4               | 25.0                | 1.8  | ----- | 25.0    | 4.1  | ----- | 25.0     | 6.4  | ----- |
| Stroke.....                                | 17              | 11.8                | 22.8 | ----- | 29.4    | 29.6 | ----- | 29.4     | 33.8 | ----- |
| Hip Fracture.....                          | 1               | 0.0                 | 3.1  | ----- | 0.0     | 6.1  | ----- | 0.0      | 8.7  | ----- |
| Sepsis.....                                | 2               | 0.0                 | 29.4 | ----- | 50.0    | 39.7 | ----- | 50.0     | 43.3 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 0               |                     |      |       |         |      |       |          |      |       |
| Open Reduction of Hip Fracture.....        | 0               |                     |      |       |         |      |       |          |      |       |
| Prostatectomy.....                         | 1               | 0.0                 | 0.3  | ----- | 0.0     | 0.6  | ----- | 0.0      | 1.0  | ----- |
| Cholecystectomy.....                       | 4               | 0.0                 | 0.5  | ----- | 0.0     | 1.1  | ----- | 0.0      | 1.5  | ----- |
| Hysterectomy.....                          | 1               | 0.0                 | 0.9  | ----- | 0.0     | 1.8  | ----- | 0.0      | 3.0  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# LINDSAY HOSPITAL MEDICAL CENTER

Medicare Provider Number: 050068

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 73.7 years |
| Proportion female.....        | 61.2 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 60.7 % |
| Transferred from skilled nursing facility..... | 0.6 %  |
| Admitted for elective procedure.....           | 0.6 %  |
| Admitted for emergency.....                    | 35.5 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 2.1 %  |
| Chronic cardiovascular disease..... | 36.7 % |
| Chronic liver disease.....          | 0.9 %  |
| Chronic renal disease.....          | 2.1 %  |
| Chronic pulmonary disease.....      | 15.7 % |
| Cerebrovascular degeneration.....   | 3.3 %  |
| Diabetes mellitus.....              | 11.2 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 93.5%  |
| State .....         | 4.9%   |
| Outside State ..... | 1.6%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 6.0 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 106                 |
| Occupancy Rate .....       | 71.0 %              |
| Ownership/Control.....     | Private, Non-Profit |
| Medicare Discharges .....  | 23.4 %              |
| Case Mix Index (CMI) ..... | 0.9734              |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 27     |
| Percent of Physicians Board<br>Certified Specialists ..... | 63.0 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 39     |
| Licensed Practical Nurses .....                            | 21     |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | No  |
| Psychiatric.....          | No  |
| Medicare Swing Beds ..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# LODI MEMORIAL HOSPITAL

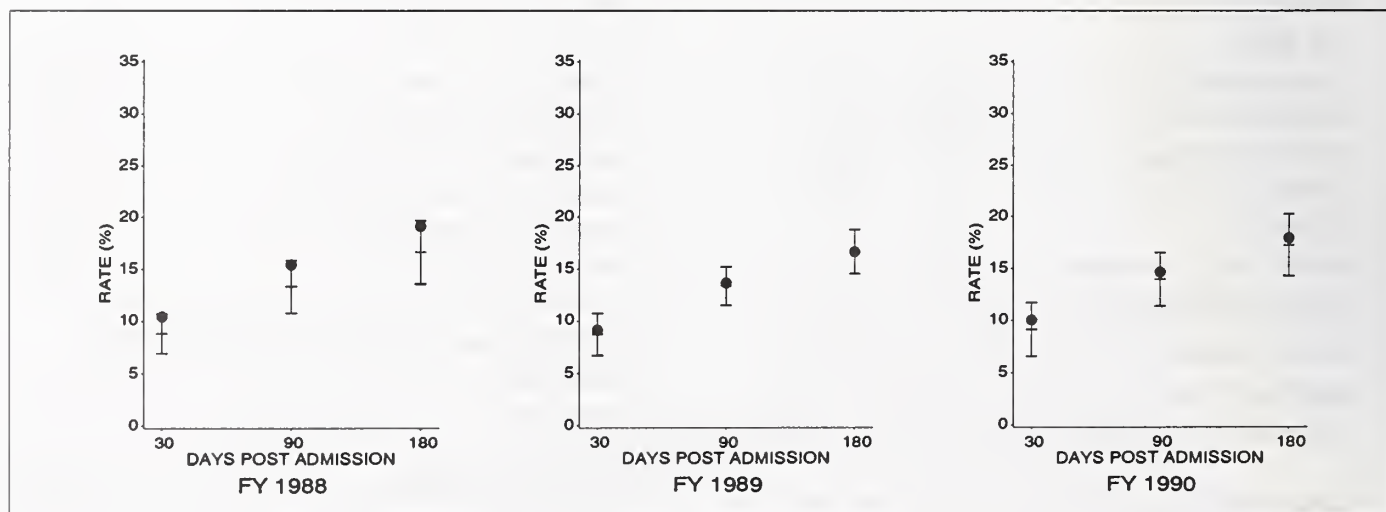
975 S FAIRMONT AVE  
LODI, CA 95240  
Medicare Provider Number: 050336

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1435            | 10.0                | 9.1  | 1.3   | 14.6    | 13.9 | 1.3   | 17.9     | 17.2 | 1.5   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 50              | 22.0                | 22.6 | ----- | 30.0    | 25.3 | ----- | 32.0     | 27.8 | ----- |
| Congestive Heart Failure.....              | 77              | 22.1                | 13.9 | 5.2   | 26.0    | 22.5 | 5.3   | 32.5     | 28.4 | 5.5   |
| Pneumonia/Influenza.....                   | 81              | 12.3                | 14.0 | 5.1   | 19.8    | 19.2 | 5.2   | 21.0     | 22.9 | 5.1   |
| Chronic Obstructive Pulmonary Disease..... | 26              | 7.7                 | 7.8  | ----- | 23.1    | 13.7 | ----- | 30.8     | 18.0 | ----- |
| Transient Cerebral Ischemia.....           | 22              | 0.0                 | 2.2  | ----- | 4.5     | 4.8  | ----- | 13.6     | 7.5  | ----- |
| Stroke.....                                | 63              | 19.0                | 20.2 | 5.1   | 28.6    | 26.9 | 5.9   | 33.3     | 30.7 | 6.1   |
| Hip Fracture.....                          | 55              | 7.3                 | 7.0  | 4.7   | 9.1     | 12.2 | 5.3   | 14.5     | 15.8 | 5.4   |
| Sepsis.....                                | 22              | 27.3                | 30.4 | ----- | 36.4    | 37.9 | ----- | 36.4     | 42.1 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 6               | 0.0                 | 3.6  | ----- | 16.7    | 7.0  | ----- | 16.7     | 10.0 | ----- |
| Carotid Endarterectomy.....                | 9               | 0.0                 | 0.8  | ----- | 0.0     | 1.7  | ----- | 0.0      | 2.6  | ----- |
| Hip Replacement/Reconstruction.....        | 31              | 0.0                 | 4.3  | ----- | 3.2     | 8.0  | ----- | 3.2      | 10.7 | ----- |
| Open Reduction of Hip Fracture.....        | 30              | 10.0                | 5.6  | ----- | 10.0    | 9.9  | ----- | 16.7     | 13.0 | ----- |
| Prostatectomy.....                         | 55              | 0.0                 | 0.5  | 1.1   | 1.8     | 1.3  | 1.6   | 1.8      | 2.3  | 2.1   |
| Cholecystectomy.....                       | 42              | 0.0                 | 2.7  | ----- | 0.0     | 4.9  | ----- | 0.0      | 6.5  | ----- |
| Hysterectomy.....                          | 14              | 0.0                 | 0.7  | ----- | 0.0     | 1.7  | ----- | 0.0      | 2.9  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# LODI MEMORIAL HOSPITAL

Medicare Provider Number: 050336

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 75.5 years  
Proportion female..... 54.1 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 48.2 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 22.8 %  
Admitted for emergency..... 24.9 %

### COMORBIDITIES:

Cancer..... 9.5 %  
Chronic cardiovascular disease..... 29.4 %  
Chronic liver disease..... 1.3 %  
Chronic renal disease..... 2.1 %  
Chronic pulmonary disease..... 13.3 %  
Cerebrovascular degeneration..... 3.3 %  
Diabetes mellitus..... 8.6 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 75.1%  
State ..... 23.9%  
Outside State ..... 1.0%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 6.0 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 186  
Occupancy Rate ..... 64.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 39.6 %  
Case Mix Index (CMI) ..... 1.2794

### STAFFING:

Total Number of Physicians..... 82  
Percent of Physicians Board  
Certified Specialists ..... 68.3 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 112  
Licensed Practical Nurses ..... 22

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... Yes  
Rehabilitation..... Yes  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# LOS BANOS COMMUNITY HOSPITAL

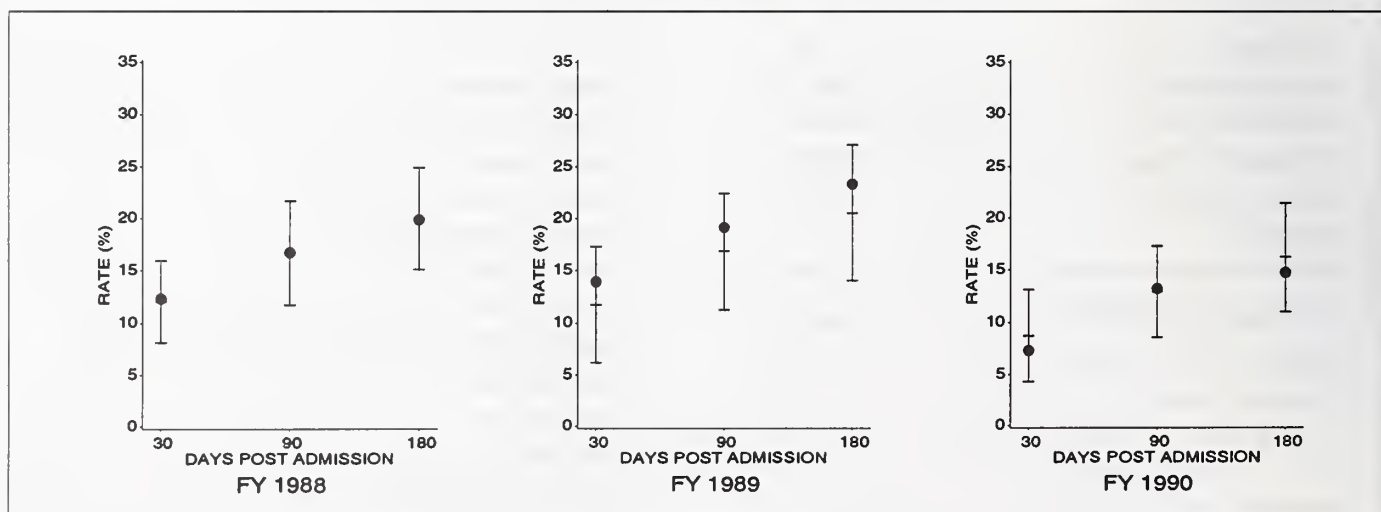
520 WEST I ST  
LOS BANOS, CA 93635  
Medicare Provider Number: 050528

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 273                | 7.3                 | 8.7  | 2.2   | 13.2    | 12.9 | 2.2   | 14.7     | 16.2 | 2.6   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 8                  | 25.0                | 19.9 | ----- | 37.5    | 22.7 | ----- | 37.5     | 25.2 | ----- |
| Congestive Heart Failure.....              | 15                 | 26.7                | 11.3 | ----- | 33.3    | 17.8 | ----- | 33.3     | 23.4 | ----- |
| Pneumonia/Influenza.....                   | 30                 | 0.0                 | 12.9 | ----- | 10.0    | 17.2 | ----- | 10.0     | 20.0 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 21                 | 0.0                 | 5.5  | ----- | 14.3    | 9.9  | ----- | 14.3     | 13.6 | ----- |
| Transient Cerebral Ischemia.....           | 3                  | 0.0                 | 1.3  | ----- | 0.0     | 3.1  | ----- | 0.0      | 5.1  | ----- |
| Stroke.....                                | 13                 | 15.4                | 21.9 | ----- | 23.1    | 28.5 | ----- | 30.8     | 33.2 | ----- |
| Hip Fracture.....                          | 3                  | 0.0                 | 3.6  | ----- | 0.0     | 6.5  | ----- | 0.0      | 9.0  | ----- |
| Sepsis.....                                | 3                  | 33.3                | 19.4 | ----- | 33.3    | 24.8 | ----- | 33.3     | 29.0 | ----- |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 1                  | 0.0                 | 0.9  | ----- | 0.0     | 1.9  | ----- | 0.0      | 3.3  | ----- |
| Carotid Endarterectomy.....                | 0                  |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 0                  |                     |      |       |         |      |       |          |      |       |
| Open Reduction of Hip Fracture.....        | 1                  | 0.0                 | 2.8  | ----- | 0.0     | 5.2  | ----- | 0.0      | 7.1  | ----- |
| Prostatectomy.....                         | 12                 | 0.0                 | 0.6  | ----- | 0.0     | 1.6  | ----- | 0.0      | 2.8  | ----- |
| Cholecystectomy.....                       | 10                 | 0.0                 | 2.9  | ----- | 0.0     | 5.3  | ----- | 0.0      | 6.7  | ----- |
| Hysterectomy.....                          | 2                  | 0.0                 | 0.1  | ----- | 0.0     | 0.3  | ----- | 0.0      | 0.6  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# LOS BANOS COMMUNITY HOSPITAL

Medicare Provider Number: 050528

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 75.2 years  
Proportion female..... 52.7 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 47.6 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 1.8 %  
Admitted for emergency..... 9.5 %

### COMORBIDITIES:

Cancer..... 3.7 %  
Chronic cardiovascular disease..... 44.7 %  
Chronic liver disease..... 1.5 %  
Chronic renal disease..... 2.6 %  
Chronic pulmonary disease..... 24.9 %  
Cerebrovascular degeneration..... 3.3 %  
Diabetes mellitus..... 7.3 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 88.6%  
State ..... 8.6%  
Outside State ..... 2.8%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 6.8 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1988

### PROFILE:

Total Beds ..... 48  
Ownership/Control..... Private, Non-Profit  
Case Mix Index (CMI) ..... 1.2251

### STAFFING:

Medical Residents/Interns ..... 0  
Registered Nurses..... 32  
Licensed Practical Nurses ..... 3

### SPECIALTY SERVICES:

Burn Unit ..... No  
Coronary Care Unit ..... No  
Hospice Care ..... No  
Intensive Care Unit ..... Yes  
Organ Transplant ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# LOS MEDANOS COMMUNITY HOSPITAL

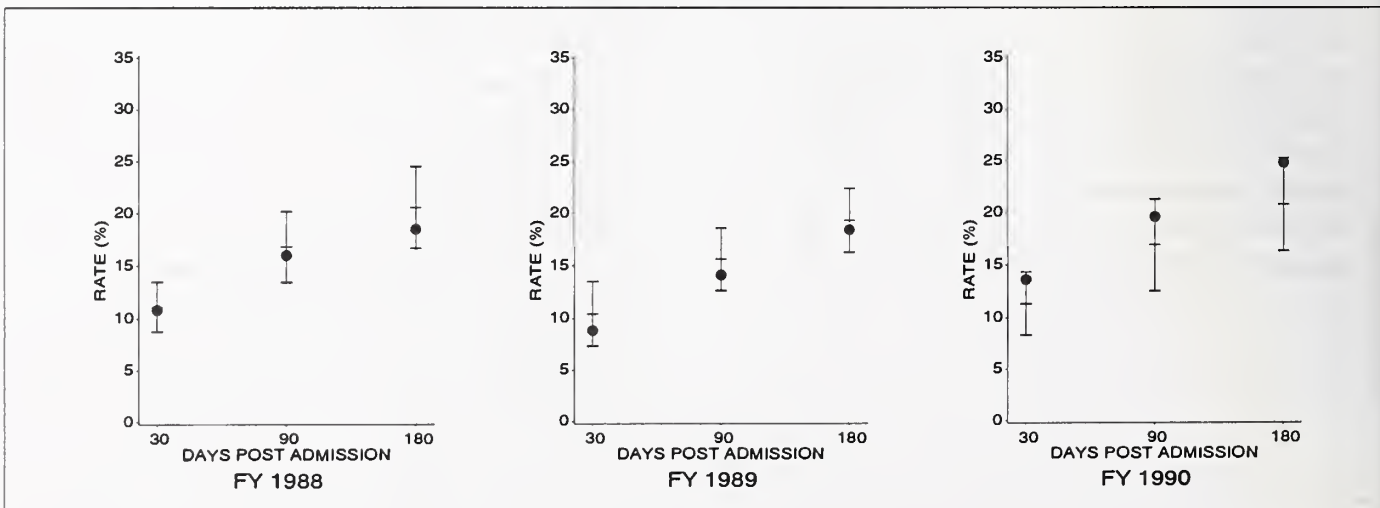
2311 LOVERIDGE ROAD  
PITTSBURG, CA 94565  
Medicare Provider Number: 050181

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 664             | 13.6                | 11.3 | 1.5   | 19.6    | 16.9 | 2.2   | 24.8     | 20.8 | 2.2   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 23              | 21.7                | 22.5 | ----- | 30.4    | 25.8 | ----- | 39.1     | 28.9 | ----- |
| Congestive Heart Failure.....              | 44              | 13.6                | 12.8 | ----- | 18.2    | 20.0 | ----- | 22.7     | 25.9 | ----- |
| Pneumonia/Influenza.....                   | 43              | 23.3                | 16.9 | ----- | 39.5    | 23.5 | ----- | 41.9     | 27.5 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 8               | 12.5                | 8.2  | ----- | 25.0    | 14.4 | ----- | 25.0     | 19.4 | ----- |
| Transient Cerebral Ischemia.....           | 4               | 0.0                 | 0.8  | ----- | 0.0     | 2.0  | ----- | 0.0      | 3.5  | ----- |
| Stroke.....                                | 31              | 19.4                | 19.4 | ----- | 29.0    | 26.3 | ----- | 35.5     | 30.3 | ----- |
| Hip Fracture.....                          | 16              | 6.3                 | 6.1  | ----- | 6.3     | 10.9 | ----- | 12.5     | 14.4 | ----- |
| Sepsis.....                                | 12              | 33.3                | 20.1 | ----- | 33.3    | 28.9 | ----- | 41.7     | 33.8 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 5               | 0.0                 | 2.4  | ----- | 0.0     | 5.2  | ----- | 0.0      | 8.0  | ----- |
| Carotid Endarterectomy.....                | 1               | 0.0                 | 1.8  | ----- | 0.0     | 3.7  | ----- | 0.0      | 5.3  | ----- |
| Hip Replacement/Reconstruction.....        | 15              | 6.7                 | 2.0  | ----- | 6.7     | 3.9  | ----- | 6.7      | 5.5  | ----- |
| Open Reduction of Hip Fracture.....        | 3               | 0.0                 | 5.7  | ----- | 0.0     | 10.4 | ----- | 0.0      | 13.9 | ----- |
| Prostatectomy.....                         | 12              | 0.0                 | 1.0  | ----- | 8.3     | 2.1  | ----- | 8.3      | 3.3  | ----- |
| Cholecystectomy.....                       | 9               | 0.0                 | 3.2  | ----- | 0.0     | 6.5  | ----- | 0.0      | 9.5  | ----- |
| Hysterectomy.....                          | 3               | 0.0                 | 0.1  | ----- | 0.0     | 0.1  | ----- | 0.0      | 0.3  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# LOS MEDANOS COMMUNITY HOSPITAL

Medicare Provider Number: 050181

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 74.3 years  
Proportion female..... 61.3 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 31.8 %  
Transferred from skilled nursing facility..... 3.5 %  
Admitted for elective procedure..... 9.5 %  
Admitted for emergency..... 43.5 %

### COMORBIDITIES:

Cancer..... 7.7 %  
Chronic cardiovascular disease..... 43.5 %  
Chronic liver disease..... 1.7 %  
Chronic renal disease..... 3.8 %  
Chronic pulmonary disease..... 24.4 %  
Cerebrovascular degeneration..... 3.0 %  
Diabetes mellitus..... 11.1 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 92.9%  
State ..... 5.1%  
Outside State ..... 2.0%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 7.2 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 221  
Occupancy Rate ..... 80.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... (Not Available)  
Case Mix Index (CMI) ..... 1.3539

### STAFFING:

Total Number of Physicians..... 100  
Percent of Physicians Board  
Certified Specialists..... 64.0 %  
Medical Residents/Interns ..... (Not Available)  
Registered Nurses..... (Not Available)  
Licensed Practical Nurses ..... (Not Available)

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... Yes  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# MAD RIVER COMMUNITY HOSPITAL

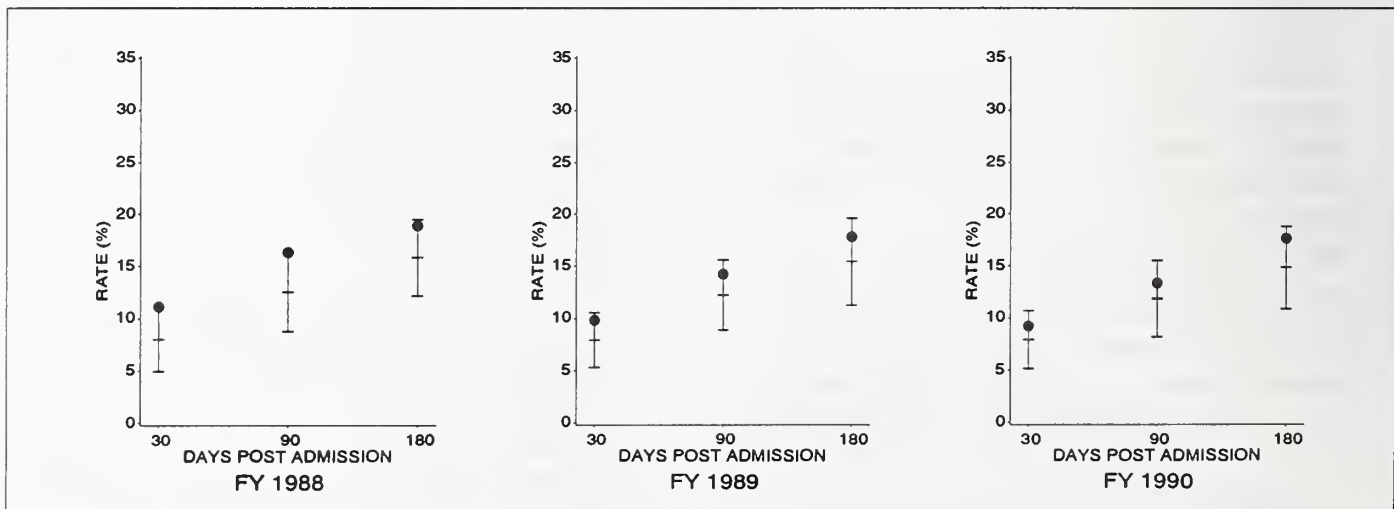
3800 JAMES RD  
ARCATA, CA 95521  
Medicare Provider Number: 050028

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 655             | 9.2                 | 7.9  | 1.4  | 13.3    | 11.8 | 1.8  | 17.6     | 14.8 | 2.0  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 27              | 14.8                | 23.3 | ---- | 14.8    | 25.5 | ---- | 18.5     | 28.0 | ---- |
| Congestive Heart Failure.....              | 22              | 4.5                 | 12.8 | ---- | 13.6    | 20.1 | ---- | 22.7     | 26.0 | ---- |
| Pneumonia/Influenza.....                   | 27              | 14.8                | 10.7 | ---- | 25.9    | 15.3 | ---- | 37.0     | 18.5 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 19              | 0.0                 | 6.3  | ---- | 5.3     | 11.4 | ---- | 15.8     | 15.4 | ---- |
| Transient Cerebral Ischemia.....           | 16              | 0.0                 | 1.3  | ---- | 0.0     | 3.2  | ---- | 0.0      | 5.5  | ---- |
| Stroke.....                                | 24              | 33.3                | 22.5 | ---- | 33.3    | 29.2 | ---- | 33.3     | 33.2 | ---- |
| Hip Fracture.....                          | 12              | 8.3                 | 4.7  | ---- | 16.7    | 9.0  | ---- | 33.3     | 12.4 | ---- |
| Sepsis.....                                | 9               | 33.3                | 20.4 | ---- | 44.4    | 28.6 | ---- | 44.4     | 33.7 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 12              | 8.3                 | 2.0  | ---- | 8.3     | 4.0  | ---- | 8.3      | 6.2  | ---- |
| Carotid Endarterectomy.....                | 5               | 0.0                 | 1.4  | ---- | 0.0     | 2.9  | ---- | 0.0      | 4.4  | ---- |
| Hip Replacement/Reconstruction.....        | 10              | 10.0                | 2.3  | ---- | 20.0    | 4.6  | ---- | 20.0     | 6.6  | ---- |
| Open Reduction of Hip Fracture.....        | 4               | 0.0                 | 4.7  | ---- | 0.0     | 9.3  | ---- | 50.0     | 13.1 | ---- |
| Prostatectomy.....                         | 17              | 0.0                 | 1.0  | ---- | 0.0     | 2.4  | ---- | 0.0      | 3.9  | ---- |
| Cholecystectomy.....                       | 19              | 0.0                 | 2.3  | ---- | 0.0     | 4.5  | ---- | 0.0      | 6.5  | ---- |
| Hysterectomy.....                          | 9               | 0.0                 | 0.3  | ---- | 0.0     | 0.8  | ---- | 0.0      | 1.3  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# MAD RIVER COMMUNITY HOSPITAL

Medicare Provider Number: 050028

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 72.5 years |
| Proportion female.....        | 53.4 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 42.3 % |
| Transferred from skilled nursing facility..... | 1.2 %  |
| Admitted for elective procedure.....           | 37.1 % |
| Admitted for emergency.....                    | 20.8 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 6.4 %  |
| Chronic cardiovascular disease..... | 32.7 % |
| Chronic liver disease.....          | 1.1 %  |
| Chronic renal disease.....          | 1.8 %  |
| Chronic pulmonary disease.....      | 18.2 % |
| Cerebrovascular degeneration.....   | 2.7 %  |
| Diabetes mellitus.....              | 9.0 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 87.7%  |
| State .....         | 10.1%  |
| Outside State ..... | 2.2%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 5.5 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 78                  |
| Occupancy Rate .....       | 42.0 %              |
| Ownership/Control.....     | Private, For Profit |
| Medicare Discharges .....  | (Not Available)     |
| Case Mix Index (CMI) ..... | 1.2806              |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 57     |
| Percent of Physicians Board<br>Certified Specialists ..... | 77.2 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 88     |
| Licensed Practical Nurses .....                            | 6      |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | Yes |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | Yes |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |    |
|---------------------------|----|
| Alcohol/Drug .....        | No |
| Rehabilitation.....       | No |
| Psychiatric .....         | No |
| Medicare Swing Beds ..... | No |

\*\* Except for CMI

\* Not used in calculating mortality rates

# MADERA COMMUNITY HOSPITAL

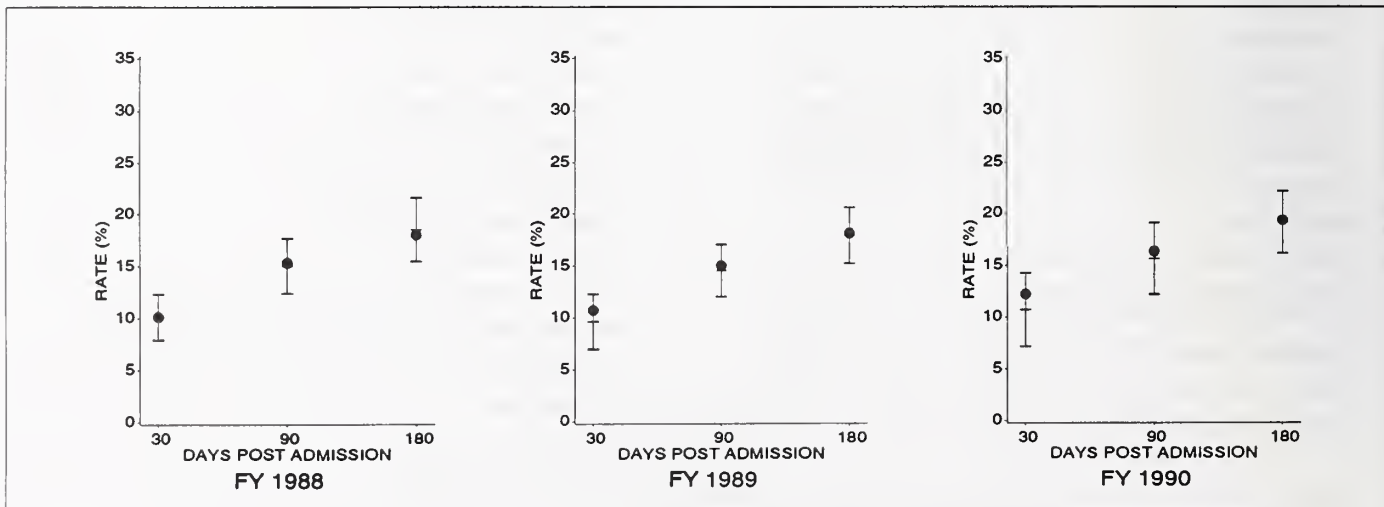
1250 E ALMOND AVE  
MADERA, CA 93637  
Medicare Provider Number: 050568

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 772             | 12.2                | 10.7 | 1.8  | 16.3    | 15.6 | 1.7  | 19.3     | 19.1 | 1.5  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 43              | 25.6                | 24.1 | ---- | 27.9    | 27.9 | ---- | 34.9     | 30.9 | ---- |
| Congestive Heart Failure.....              | 51              | 13.7                | 14.9 | 5.6  | 27.5    | 23.6 | 7.7  | 31.4     | 30.0 | 8.3  |
| Pneumonia/Influenza.....                   | 47              | 14.9                | 16.8 | ---- | 25.5    | 22.9 | ---- | 25.5     | 26.9 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 18              | 5.6                 | 6.4  | ---- | 5.6     | 11.2 | ---- | 11.1     | 14.7 | ---- |
| Transient Cerebral Ischemia.....           | 12              | 0.0                 | 2.1  | ---- | 0.0     | 5.3  | ---- | 16.7     | 9.2  | ---- |
| Stroke.....                                | 39              | 25.6                | 21.8 | ---- | 28.2    | 27.9 | ---- | 33.3     | 31.7 | ---- |
| Hip Fracture.....                          | 30              | 0.0                 | 6.0  | ---- | 3.3     | 10.5 | ---- | 3.3      | 13.5 | ---- |
| Sepsis.....                                | 20              | 35.0                | 20.8 | ---- | 40.0    | 30.0 | ---- | 40.0     | 34.9 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 4               | 0.0                 | 1.6  | ---- | 0.0     | 3.7  | ---- | 0.0      | 6.3  | ---- |
| Carotid Endarterectomy.....                | 3               | 0.0                 | 1.5  | ---- | 0.0     | 2.9  | ---- | 0.0      | 4.3  | ---- |
| Hip Replacement/Reconstruction.....        | 16              | 0.0                 | 3.6  | ---- | 0.0     | 6.6  | ---- | 0.0      | 8.8  | ---- |
| Open Reduction of Hip Fracture.....        | 18              | 0.0                 | 5.1  | ---- | 0.0     | 9.4  | ---- | 0.0      | 12.3 | ---- |
| Prostatectomy.....                         | 31              | 3.2                 | 0.8  | ---- | 3.2     | 1.7  | ---- | 3.2      | 3.0  | ---- |
| Cholecystectomy.....                       | 32              | 3.1                 | 1.7  | ---- | 3.1     | 3.4  | ---- | 3.1      | 4.7  | ---- |
| Hysterectomy.....                          | 16              | 0.0                 | 0.1  | ---- | 0.0     | 0.3  | ---- | 0.0      | 0.6  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# MADERA COMMUNITY HOSPITAL

Medicare Provider Number: 050568

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 74.9 years |
| Proportion female.....        | 55.3 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 39.5 % |
| Transferred from skilled nursing facility..... | 4.0 %  |
| Admitted for elective procedure.....           | 9.1 %  |
| Admitted for emergency.....                    | 8.0 %  |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 4.3 %  |
| Chronic cardiovascular disease..... | 52.7 % |
| Chronic liver disease.....          | 1.6 %  |
| Chronic renal disease.....          | 2.3 %  |
| Chronic pulmonary disease.....      | 19.8 % |
| Cerebrovascular degeneration.....   | 1.0 %  |
| Diabetes mellitus.....              | 17.4 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 88.7%  |
| State .....         | 10.4%  |
| Outside State ..... | 0.9%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 6.6 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 83                  |
| Occupancy Rate .....       | 71.0 %              |
| Ownership/Control.....     | Private, Non-Profit |
| Medicare Discharges .....  | 35.9 %              |
| Case Mix Index (CMI) ..... | 1.3242              |

### STAFFING:

|                                                            |                 |
|------------------------------------------------------------|-----------------|
| Total Number of Physicians.....                            | 41              |
| Percent of Physicians Board<br>Certified Specialists ..... | 58.5 %          |
| Medical Residents/Interns .....                            | (Not Available) |
| Registered Nurses.....                                     | (Not Available) |
| Licensed Practical Nurses .....                            | (Not Available) |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | No  |
| Psychiatric .....         | No  |
| Medicare Swing Beds ..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# MARIN GENERAL HOSPITAL

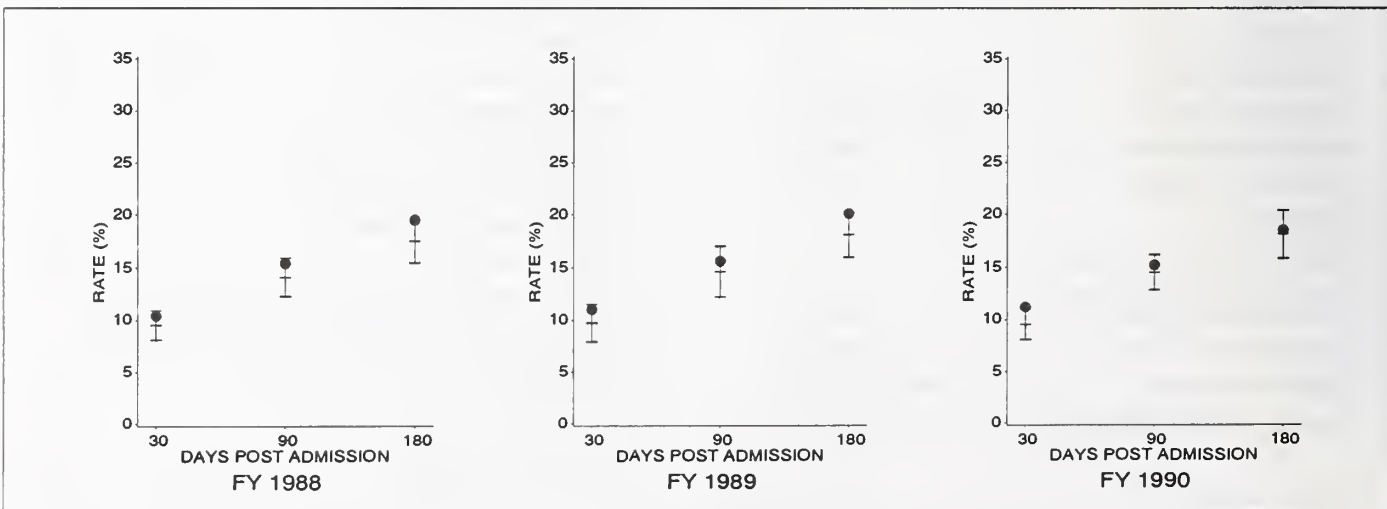
BOX 2129 250 BON AIR ROAD  
SAN RAFAEL, CA 94902  
Medicare Provider Number: 050360

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 2190            | 11.2                | 9.5  | 0.7   | 15.2    | 14.5 | 0.8   | 18.5     | 18.1 | 1.1   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 67              | 25.4                | 27.0 | 5.5   | 26.9    | 30.7 | 5.9   | 34.3     | 33.5 | 6.5   |
| Congestive Heart Failure.....              | 106             | 15.1                | 14.8 | 4.0   | 17.0    | 23.1 | 5.9   | 23.6     | 29.0 | 5.7   |
| Pneumonia/Influenza.....                   | 64              | 14.1                | 14.7 | 4.9   | 20.3    | 20.5 | 6.1   | 20.3     | 24.4 | 6.8   |
| Chronic Obstructive Pulmonary Disease..... | 20              | 10.0                | 6.4  | ----- | 20.0    | 11.8 | ----- | 20.0     | 16.3 | ----- |
| Transient Cerebral Ischemia.....           | 17              | 0.0                 | 1.7  | ----- | 0.0     | 3.8  | ----- | 0.0      | 6.2  | ----- |
| Stroke.....                                | 97              | 24.7                | 20.0 | 7.7   | 35.1    | 27.2 | 9.8   | 37.1     | 31.2 | 9.9   |
| Hip Fracture.....                          | 130             | 6.2                 | 6.8  | 2.3   | 12.3    | 12.1 | 3.3   | 16.2     | 15.7 | 4.1   |
| Sepsis.....                                | 23              | 4.3                 | 21.4 | ----- | 8.7     | 28.6 | ----- | 17.4     | 33.3 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 4               | 0.0                 | 2.3  | ----- | 0.0     | 3.4  | ----- | 0.0      | 4.2  | ----- |
| Initial Pacemaker Insertion.....           | 21              | 0.0                 | 2.6  | ----- | 4.8     | 5.3  | ----- | 4.8      | 7.9  | ----- |
| Carotid Endarterectomy.....                | 10              | 0.0                 | 1.1  | ----- | 0.0     | 2.1  | ----- | 0.0      | 3.2  | ----- |
| Hip Replacement/Reconstruction.....        | 66              | 4.5                 | 4.3  | 4.6   | 10.6    | 7.7  | 6.6   | 15.2     | 10.0 | 6.9   |
| Open Reduction of Hip Fracture.....        | 68              | 4.4                 | 6.1  | 3.6   | 10.3    | 11.3 | 4.1   | 13.2     | 15.2 | 4.7   |
| Prostatectomy.....                         | 84              | 0.0                 | 0.8  | 1.2   | 0.0     | 1.8  | 2.1   | 2.4      | 3.1  | 2.4   |
| Cholecystectomy.....                       | 37              | 0.0                 | 1.3  | ----- | 0.0     | 2.2  | ----- | 0.0      | 3.0  | ----- |
| Hysterectomy.....                          | 17              | 0.0                 | 0.6  | ----- | 0.0     | 1.4  | ----- | 0.0      | 2.3  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# MARIN GENERAL HOSPITAL

Medicare Provider Number: 050360

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 76.1 years  
Proportion female..... 57.8 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 41.8 %  
Transferred from skilled nursing facility..... 2.4 %  
Admitted for elective procedure..... 17.7 %  
Admitted for emergency..... 6.0 %

### COMORBIDITIES:

Cancer..... 9.6 %  
Chronic cardiovascular disease..... 35.2 %  
Chronic liver disease..... 0.8 %  
Chronic renal disease..... 2.2 %  
Chronic pulmonary disease..... 12.5 %  
Cerebrovascular degeneration..... 3.4 %  
Diabetes mellitus..... 4.4 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 87.4%  
State ..... 9.9%  
Outside State ..... 2.7%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 6.1 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 255  
Occupancy Rate ..... 54.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 32.5 %  
Case Mix Index (CMI) ..... 1.3919

### STAFFING:

Total Number of Physicians..... 270  
Percent of Physicians Board  
Certified Specialists ..... 81.9 %  
Medical Residents/Interns ..... 0  
Registered Nurses ..... 309  
Licensed Practical Nurses ..... 10

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... Yes  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... Yes  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... Yes  
Rehabilitation..... No  
Psychiatric ..... Yes  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# MARK TWAIN HOSPITAL

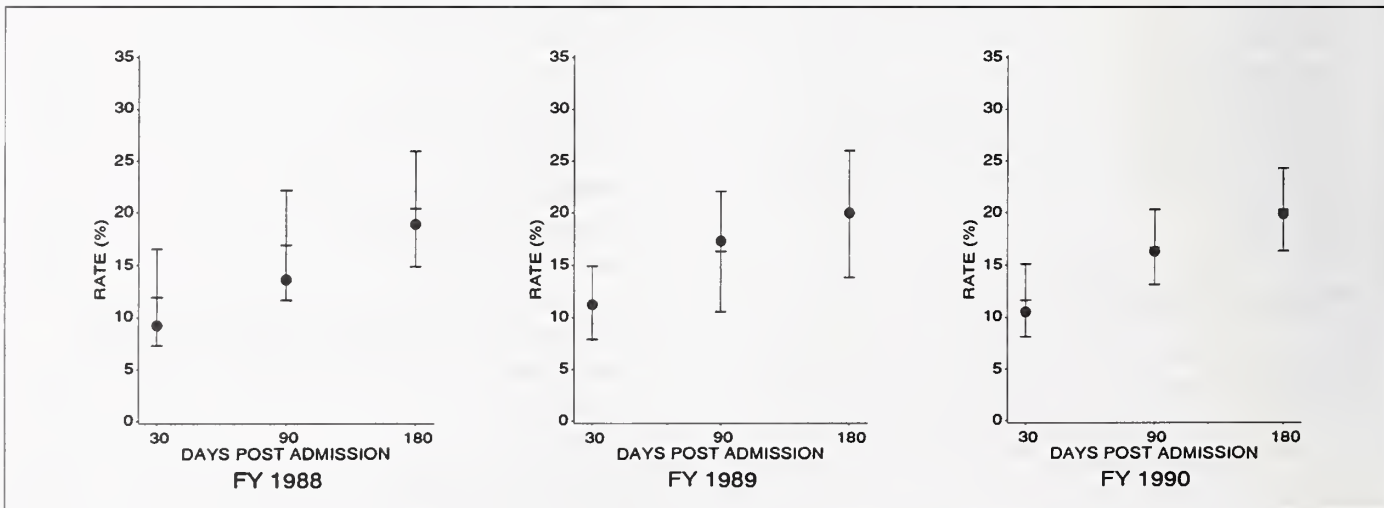
768 MOUNTAIN RANCH RD  
SAN ANDREAS, CA 95249  
Medicare Provider Number: 050366

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 447             | 10.5                | 11.6 | 1.8  | 16.3    | 16.7 | 1.8  | 19.9     | 20.3 | 2.0  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 19              | 36.8                | 28.6 | ---- | 36.8    | 31.2 | ---- | 36.8     | 33.8 | ---- |
| Congestive Heart Failure.....              | 30              | 16.7                | 15.1 | ---- | 23.3    | 23.7 | ---- | 23.3     | 30.0 | ---- |
| Pneumonia/Influenza.....                   | 33              | 18.2                | 16.7 | ---- | 33.3    | 22.9 | ---- | 36.4     | 26.9 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 19              | 0.0                 | 7.3  | ---- | 10.5    | 13.0 | ---- | 26.3     | 17.5 | ---- |
| Transient Cerebral Ischemia.....           | 2               | 0.0                 | 1.5  | ---- | 0.0     | 3.5  | ---- | 0.0      | 6.0  | ---- |
| Stroke.....                                | 19              | 15.8                | 20.5 | ---- | 21.1    | 26.4 | ---- | 26.3     | 29.6 | ---- |
| Hip Fracture.....                          | 23              | 4.3                 | 8.9  | ---- | 4.3     | 14.8 | ---- | 13.0     | 18.4 | ---- |
| Sepsis.....                                | 13              | 15.4                | 28.9 | ---- | 38.5    | 36.4 | ---- | 38.5     | 41.3 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 2               | 0.0                 | 1.7  | ---- | 0.0     | 4.0  | ---- | 50.0     | 6.7  | ---- |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 14              | 7.1                 | 5.2  | ---- | 7.1     | 8.9  | ---- | 14.3     | 11.1 | ---- |
| Open Reduction of Hip Fracture.....        | 15              | 0.0                 | 7.6  | ---- | 0.0     | 13.2 | ---- | 6.7      | 16.9 | ---- |
| Prostatectomy.....                         | 9               | 0.0                 | 0.8  | ---- | 0.0     | 1.9  | ---- | 0.0      | 3.3  | ---- |
| Cholecystectomy.....                       | 9               | 0.0                 | 1.3  | ---- | 0.0     | 2.0  | ---- | 0.0      | 2.6  | ---- |
| Hysterectomy.....                          | 0               |                     |      |      |         |      |      |          |      |      |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



**MARK TWAIN HOSPITAL**  
Medicare Provider Number: 050366

**FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES**

**DEMOGRAPHICS:**

Average age at admission..... 75.2 years  
Proportion female..... 51.7 %

**ADMISSION SOURCES/TYPES:**

Referred by personal or HMO physician..... 30.2 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 0.2 %  
Admitted for emergency..... 98.9 %

**COMORBIDITIES:**

Cancer..... 6.7 %  
Chronic cardiovascular disease..... 44.3 %  
Chronic liver disease..... 1.1 %  
Chronic renal disease..... 1.6 %  
Chronic pulmonary disease..... 30.4 %  
Cerebrovascular degeneration..... 3.1 %  
Diabetes mellitus..... 5.4 %

**ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\***

**ORIGIN OF MEDICARE PATIENT ADMISSION:**

County/City ..... 84.0%  
State ..... 15.1%  
Outside State ..... 0.9%  
Total ..... 100.0%

**MEDICARE AVERAGE LENGTH OF STAY:**

Hospital ..... 6.0 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

**HOSPITAL CHARACTERISTICS\***

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

**PROFILE:**

Total Beds ..... 33  
Occupancy Rate ..... 51.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 51.9 %  
Case Mix Index (CMI) ..... 1.3528

**STAFFING:**

Total Number of Physicians..... 17  
Percent of Physicians Board  
Certified Specialists ..... 76.5 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 32  
Licensed Practical Nurses ..... 10

**SPECIALTY SERVICES:**

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

**OTHER SPECIALTY/HOSPITAL-BASED SERVICES:**

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# MARSHALL HOSPITAL

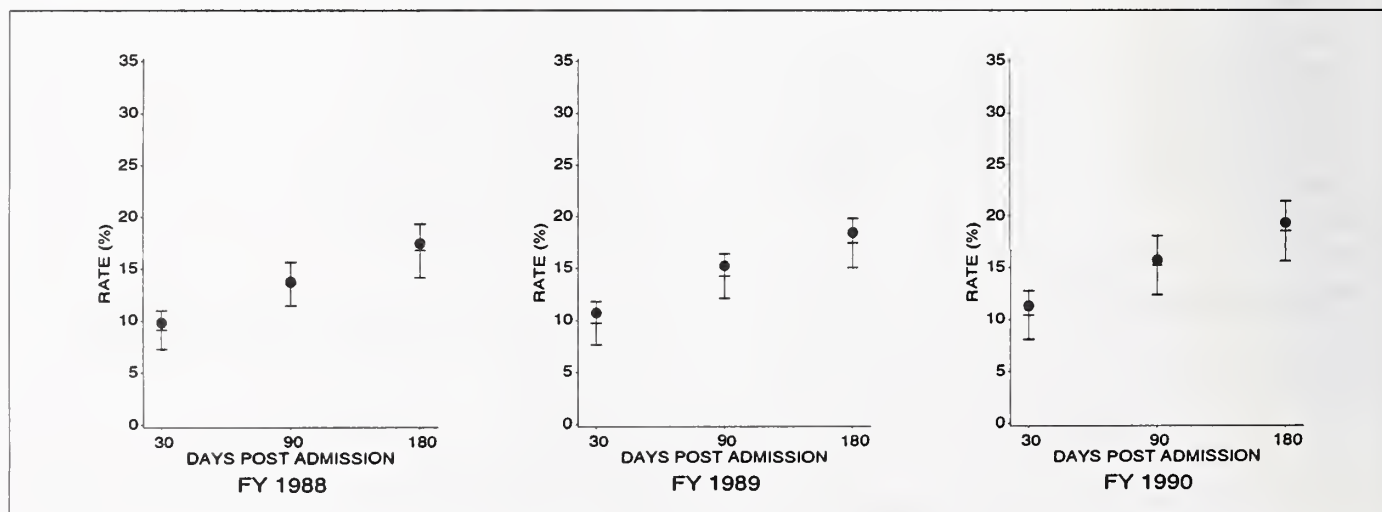
MARSHALL WAY  
PLACERVILLE, CA 95667  
Medicare Provider Number: 050254

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1379            | 11.3                | 10.4 | 1.2   | 15.7    | 15.2 | 1.4   | 19.3     | 18.5 | 1.5   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 32              | 25.0                | 30.3 | ----- | 28.1    | 33.3 | ----- | 34.4     | 35.9 | ----- |
| Congestive Heart Failure.....              | 70              | 17.1                | 14.7 | 5.4   | 20.0    | 23.0 | 7.1   | 27.1     | 29.1 | 7.7   |
| Pneumonia/Influenza.....                   | 93              | 20.4                | 16.5 | 4.5   | 29.0    | 22.6 | 5.9   | 30.1     | 26.6 | 5.3   |
| Chronic Obstructive Pulmonary Disease..... | 49              | 10.2                | 6.5  | ----- | 12.2    | 11.5 | ----- | 22.4     | 15.7 | ----- |
| Transient Cerebral Ischemia.....           | 16              | 6.3                 | 2.4  | ----- | 6.3     | 5.4  | ----- | 6.3      | 8.7  | ----- |
| Stroke.....                                | 51              | 25.5                | 24.5 | 6.3   | 29.4    | 31.5 | 6.7   | 33.3     | 35.3 | 7.9   |
| Hip Fracture.....                          | 46              | 8.7                 | 6.6  | ----- | 13.0    | 11.7 | ----- | 15.2     | 15.0 | ----- |
| Sepsis.....                                | 18              | 44.4                | 26.5 | ----- | 50.0    | 33.5 | ----- | 50.0     | 38.1 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 4               | 0.0                 | 3.1  | ----- | 0.0     | 6.6  | ----- | 0.0      | 10.1 | ----- |
| Carotid Endarterectomy.....                | 5               | 0.0                 | 0.8  | ----- | 0.0     | 1.6  | ----- | 0.0      | 2.5  | ----- |
| Hip Replacement/Reconstruction.....        | 31              | 3.2                 | 2.6  | ----- | 6.5     | 5.0  | ----- | 6.5      | 6.9  | ----- |
| Open Reduction of Hip Fracture.....        | 26              | 7.7                 | 6.8  | ----- | 11.5    | 12.1 | ----- | 11.5     | 15.5 | ----- |
| Prostatectomy.....                         | 65              | 0.0                 | 0.5  | 1.6   | 1.5     | 1.1  | 2.3   | 3.1      | 2.0  | 3.2   |
| Cholecystectomy.....                       | 44              | 4.5                 | 1.6  | ----- | 6.8     | 2.8  | ----- | 6.8      | 3.7  | ----- |
| Hysterectomy.....                          | 18              | 0.0                 | 0.4  | ----- | 0.0     | 0.8  | ----- | 0.0      | 1.4  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# MARSHALL HOSPITAL

Medicare Provider Number: 050254

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 75.5 years |
| Proportion female.....        | 56.6 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 38.4 % |
| Transferred from skilled nursing facility..... | 0.9 %  |
| Admitted for elective procedure.....           | 21.0 % |
| Admitted for emergency.....                    | 59.8 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 7.7 %  |
| Chronic cardiovascular disease..... | 26.9 % |
| Chronic liver disease.....          | 1.1 %  |
| Chronic renal disease.....          | 2.7 %  |
| Chronic pulmonary disease.....      | 17.7 % |
| Cerebrovascular degeneration.....   | 4.6 %  |
| Diabetes mellitus.....              | 8.7 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 89.4%  |
| State .....         | 8.7%   |
| Outside State ..... | 1.9%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 6.1 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 90                  |
| Occupancy Rate .....       | 65.0 %              |
| Ownership/Control.....     | Private, Non-Profit |
| Medicare Discharges .....  | (Not Available)     |
| Case Mix Index (CMI) ..... | 1.1897              |

### STAFFING:

|                                                            |                 |
|------------------------------------------------------------|-----------------|
| Total Number of Physicians.....                            | (Not Available) |
| Percent of Physicians Board<br>Certified Specialists ..... | (Not Available) |
| Medical Residents/Interns .....                            | (Not Available) |
| Registered Nurses.....                                     | (Not Available) |
| Licensed Practical Nurses .....                            | (Not Available) |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | Yes |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | Yes |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |    |
|---------------------------|----|
| Alcohol/Drug .....        | No |
| Rehabilitation.....       | No |
| Psychiatric .....         | No |
| Medicare Swing Beds ..... | No |

\*\* Except for CMI

\* Not used in calculating mortality rates

# MAYERS MEMORIAL HOSPITAL

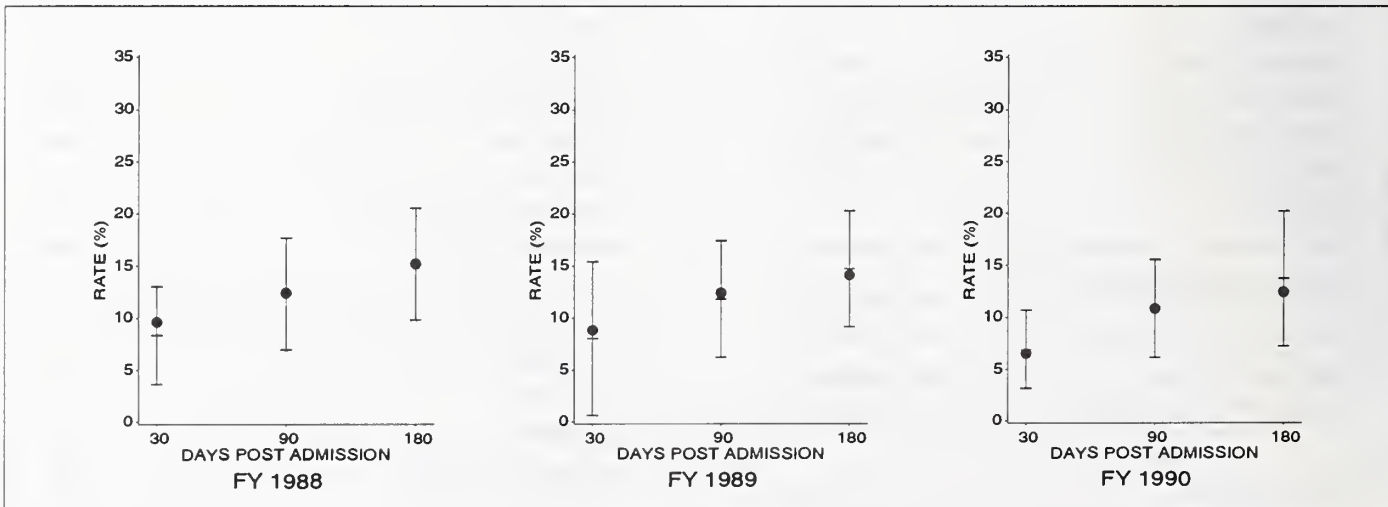
HIGHWAY 299 BOX 567  
FALL RIVER MILLS, CA 96028  
Medicare Provider Number: 050406

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 186             | 6.5                 | 6.9  | 1.9   | 10.8    | 10.8 | 2.4   | 12.4     | 13.7 | 3.3   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Congestive Heart Failure.....              | 6               | 33.3                | 13.4 | ----- | 33.3    | 22.1 | ----- | 33.3     | 28.2 | ----- |
| Pneumonia/Influenza.....                   | 24              | 8.3                 | 14.5 | ----- | 20.8    | 21.0 | ----- | 25.0     | 24.9 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 3               | 0.0                 | 7.3  | ----- | 0.0     | 12.8 | ----- | 0.0      | 17.7 | ----- |
| Transient Cerebral Ischemia.....           | 1               | 0.0                 | 1.9  | ----- | 0.0     | 3.7  | ----- | 0.0      | 5.1  | ----- |
| Stroke.....                                | 9               | 22.2                | 15.7 | ----- | 33.3    | 20.3 | ----- | 33.3     | 23.4 | ----- |
| Hip Fracture.....                          | 5               | 0.0                 | 3.6  | ----- | 0.0     | 6.8  | ----- | 0.0      | 9.4  | ----- |
| Sepsis.....                                | 1               | 100.0               | 20.5 | ----- | 100.0   | 23.8 | ----- | 100.0    | 26.5 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 5               | 0.0                 | 1.1  | ----- | 0.0     | 2.1  | ----- | 0.0      | 3.0  | ----- |
| Open Reduction of Hip Fracture.....        | 2               | 0.0                 | 3.7  | ----- | 0.0     | 6.8  | ----- | 0.0      | 9.8  | ----- |
| Prostatectomy.....                         | 0               |                     |      |       |         |      |       |          |      |       |
| Cholecystectomy.....                       | 1               | 0.0                 | 0.5  | ----- | 0.0     | 0.9  | ----- | 0.0      | 1.2  | ----- |
| Hysterectomy.....                          | 3               | 0.0                 | 0.2  | ----- | 0.0     | 0.6  | ----- | 0.0      | 1.0  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# MAYERS MEMORIAL HOSPITAL

Medicare Provider Number: 050406

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 75.3 years  
Proportion female..... 60.8 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 54.3 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 0.0 %  
Admitted for emergency..... 0.5 %

### COMORBIDITIES:

Cancer..... 4.8 %  
Chronic cardiovascular disease..... 14.0 %  
Chronic liver disease..... 0.0 %  
Chronic renal disease..... 1.6 %  
Chronic pulmonary disease..... 12.9 %  
Cerebrovascular degeneration..... 2.7 %  
Diabetes mellitus..... 5.4 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 72.6%  
State ..... 26.0%  
Outside State ..... 1.4%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 4.7 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 68  
Occupancy Rate ..... 89.0 %  
Ownership/Control..... District/Authority  
Medicare Discharges .....(Not Available)  
Case Mix Index (CMI) ..... 1.0376

### STAFFING:

Total Number of Physicians..... (Not Available)  
Percent of Physicians Board  
Certified Specialists .....(Not Available)  
Medical Residents/Interns ..... (Not Available)  
Registered Nurses..... (Not Available)  
Licensed Practical Nurses ..... (Not Available)

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... Yes  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... No  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# MEMORIAL HOSPITAL AT EXETER

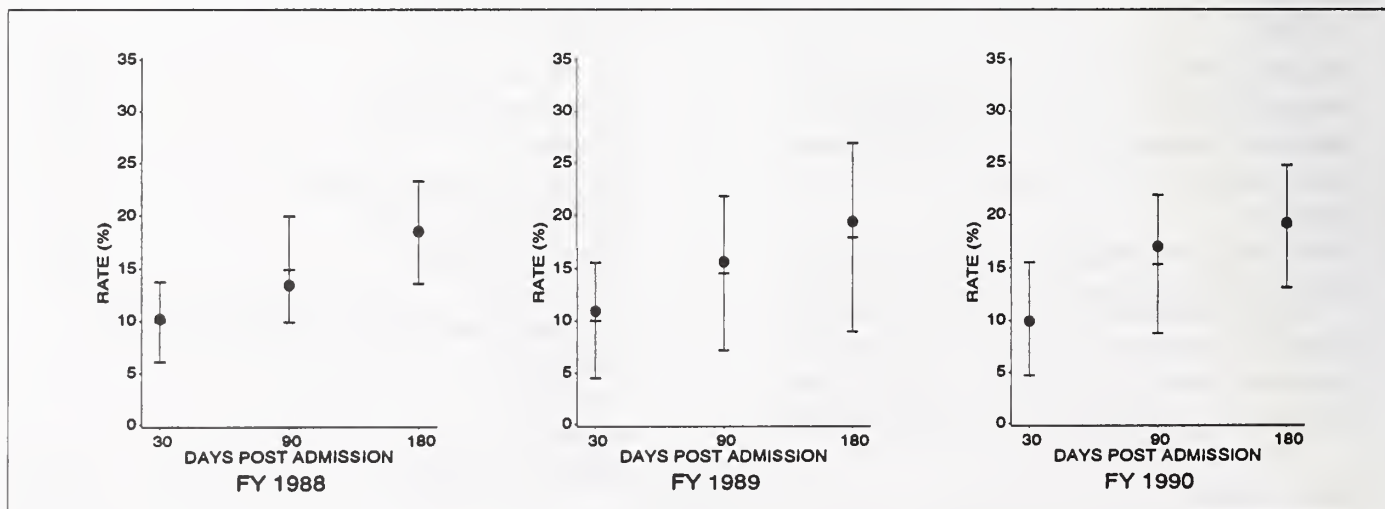
215 CRESPI AVENUE  
EXETER, CA 93221  
Medicare Provider Number: 050286

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 182                | 9.9                 | 10.1 | 2.7   | 17.0    | 15.3 | 3.3   | 19.2     | 18.9 | 2.9   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 4                  | 50.0                | 34.4 | ----- | 50.0    | 42.9 | ----- | 50.0     | 48.6 | ----- |
| Congestive Heart Failure.....              | 9                  | 22.2                | 14.3 | ----- | 33.3    | 23.0 | ----- | 33.3     | 28.7 | ----- |
| Pneumonia/Influenza.....                   | 11                 | 36.4                | 23.0 | ----- | 54.5    | 31.7 | ----- | 54.5     | 36.3 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 5                  | 0.0                 | 4.0  | ----- | 20.0    | 7.5  | ----- | 20.0     | 10.8 | ----- |
| Transient Cerebral Ischemia.....           | 11                 | 0.0                 | 1.6  | ----- | 0.0     | 3.7  | ----- | 9.1      | 6.3  | ----- |
| Stroke.....                                | 16                 | 18.8                | 21.5 | ----- | 18.8    | 27.9 | ----- | 18.8     | 32.1 | ----- |
| Hip Fracture.....                          | 4                  | 25.0                | 10.2 | ----- | 25.0    | 21.0 | ----- | 25.0     | 28.8 | ----- |
| Sepsis.....                                | 3                  | 0.0                 | 26.2 | ----- | 0.0     | 36.5 | ----- | 0.0      | 40.2 | ----- |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0                  |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 0                  |                     |      |       |         |      |       |          |      |       |
| Open Reduction of Hip Fracture.....        | 0                  |                     |      |       |         |      |       |          |      |       |
| Prostatectomy.....                         | 3                  | 0.0                 | 0.8  | ----- | 0.0     | 1.7  | ----- | 0.0      | 3.0  | ----- |
| Cholecystectomy.....                       | 5                  | 20.0                | 3.5  | ----- | 20.0    | 6.3  | ----- | 20.0     | 7.8  | ----- |
| Hysterectomy.....                          | 0                  |                     |      |       |         |      |       |          |      |       |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# MEMORIAL HOSPITAL AT EXETER

Medicare Provider Number: 050286

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 77.6 years  
Proportion female..... 59.3 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 47.3 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 0.0 %  
Admitted for emergency..... 52.2 %

### COMORBIDITIES:

Cancer..... 6.0 %  
Chronic cardiovascular disease..... 41.8 %  
Chronic liver disease..... 1.1 %  
Chronic renal disease..... 1.1 %  
Chronic pulmonary disease..... 17.6 %  
Cerebrovascular degeneration..... 6.0 %  
Diabetes mellitus..... 7.1 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 94.4%  
State ..... 4.1%  
Outside State ..... 1.5%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 3.9 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 74  
Occupancy Rate ..... 56.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 54.8 %  
Case Mix Index (CMI) ..... 0.9609

### STAFFING:

Total Number of Physicians..... 14  
Percent of Physicians Board  
Certified Specialists ..... 14.3 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 14  
Licensed Practical Nurses ..... 9

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... No  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... Yes  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# MEMORIAL HOSPITAL CERES

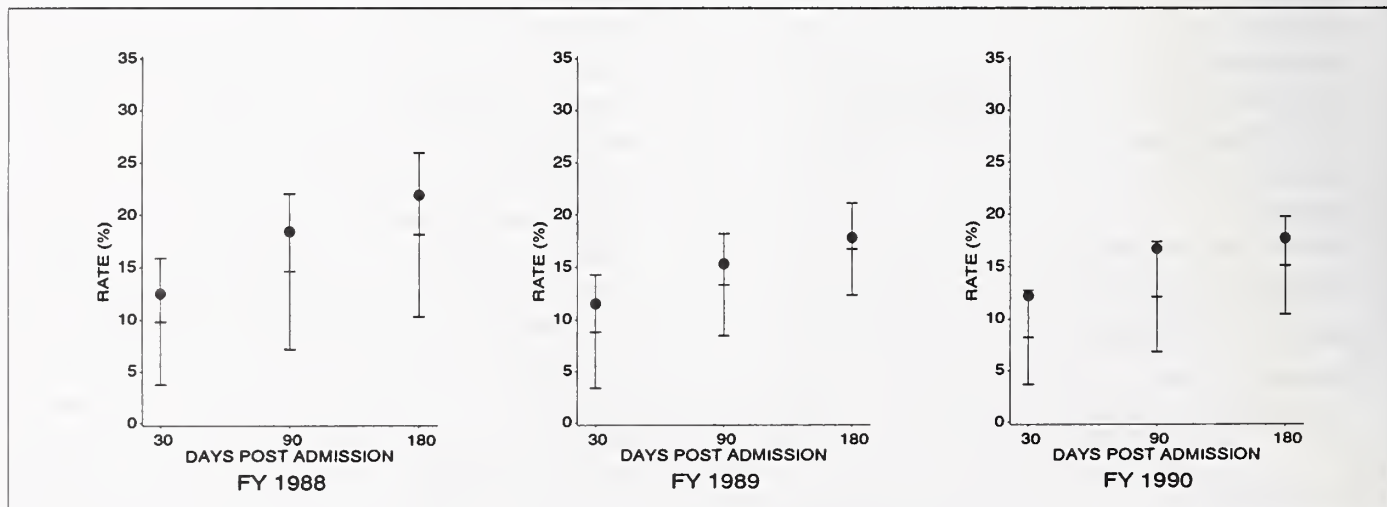
1905 MEMORIAL DRIVE  
CERES, CA 95307  
Medicare Provider Number: 050154

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 384             | 12.2                | 8.2  | 2.3   | 16.7    | 12.1 | 2.6   | 17.7     | 15.1 | 2.3   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 17              | 47.1                | 20.9 | ----- | 47.1    | 23.8 | ----- | 47.1     | 26.7 | ----- |
| Congestive Heart Failure.....              | 16              | 18.8                | 14.8 | ----- | 25.0    | 23.9 | ----- | 25.0     | 30.3 | ----- |
| Pneumonia/Influenza.....                   | 30              | 16.7                | 11.4 | ----- | 30.0    | 15.7 | ----- | 30.0     | 19.1 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 21              | 4.8                 | 5.6  | ----- | 4.8     | 10.1 | ----- | 9.5      | 13.5 | ----- |
| Transient Cerebral Ischemia.....           | 2               | 0.0                 | 1.0  | ----- | 0.0     | 2.3  | ----- | 0.0      | 3.7  | ----- |
| Stroke.....                                | 22              | 13.6                | 14.3 | ----- | 27.3    | 20.5 | ----- | 27.3     | 24.3 | ----- |
| Hip Fracture.....                          | 7               | 0.0                 | 6.3  | ----- | 0.0     | 10.4 | ----- | 0.0      | 13.1 | ----- |
| Sepsis.....                                | 3               | 33.3                | 30.5 | ----- | 33.3    | 36.1 | ----- | 33.3     | 39.7 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 4               | 0.0                 | 3.8  | ----- | 0.0     | 7.9  | ----- | 0.0      | 12.1 | ----- |
| Carotid Endarterectomy.....                | 2               | 0.0                 | 1.4  | ----- | 50.0    | 2.9  | ----- | 50.0     | 4.5  | ----- |
| Hip Replacement/Reconstruction.....        | 4               | 0.0                 | 2.8  | ----- | 0.0     | 4.9  | ----- | 0.0      | 6.7  | ----- |
| Open Reduction of Hip Fracture.....        | 5               | 0.0                 | 6.0  | ----- | 0.0     | 10.2 | ----- | 0.0      | 12.8 | ----- |
| Prostatectomy.....                         | 8               | 12.5                | 0.6  | ----- | 12.5    | 1.5  | ----- | 12.5     | 2.8  | ----- |
| Cholecystectomy.....                       | 9               | 0.0                 | 1.9  | ----- | 0.0     | 3.2  | ----- | 0.0      | 4.0  | ----- |
| Hysterectomy.....                          | 0               |                     |      |       |         |      |       |          |      |       |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# MEMORIAL HOSPITAL CERES

Medicare Provider Number: 050154

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 71.1 years  
Proportion female..... 50.8 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 59.4 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 40.1 %  
Admitted for emergency..... 33.1 %

### COMORBIDITIES:

Cancer..... 3.6 %  
Chronic cardiovascular disease..... 35.9 %  
Chronic liver disease..... 2.6 %  
Chronic renal disease..... 1.8 %  
Chronic pulmonary disease..... 22.9 %  
Cerebrovascular degeneration..... 5.5 %  
Diabetes mellitus..... 8.9 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 85.7%  
State ..... 13.5%  
Outside State ..... 0.8%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 6.7 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1983

### PROFILE:

Total Beds ..... 122  
Ownership/Control..... Private, Non-Profit  
Case Mix Index (CMI) ..... 1.2115

### STAFFING:

Medical Residents/Interns ..... 0  
Registered Nurses..... 37  
Licensed Practical Nurses ..... 22

### SPECIALTY SERVICES:

Burn Unit ..... No  
Coronary Care Unit ..... Yes  
Hospice Care ..... No  
Intensive Care Unit ..... Yes  
Organ Transplant ..... No  
Trauma Center ..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... Yes  
Psychiatric ..... Yes  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# MEMORIAL HOSPITAL MODESTO

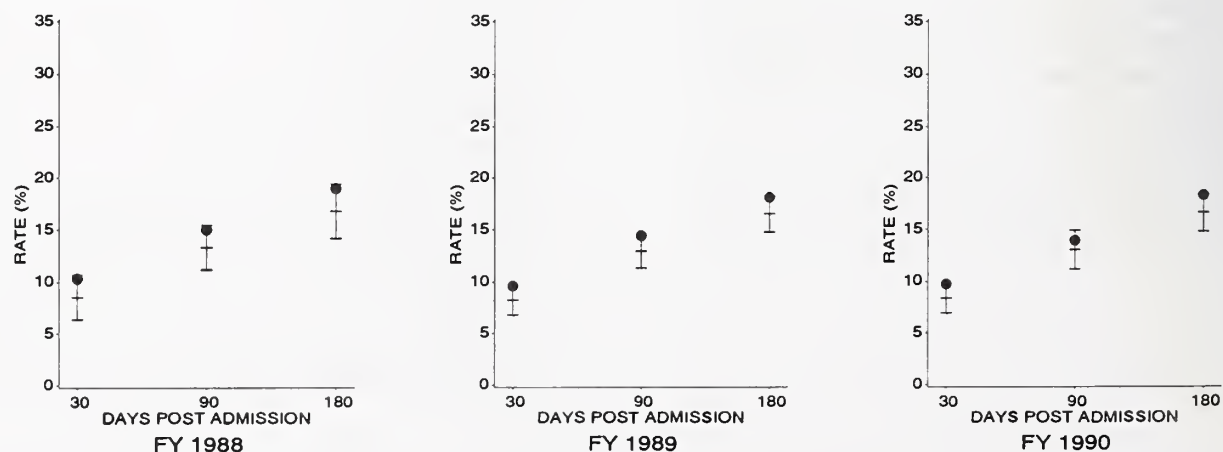
1700 COFFEE RD  
MODESTO, CA 95355  
Medicare Provider Number: 050557

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 2326            | 9.7                 | 8.3  | 0.7  | 13.9    | 13.0 | 0.9  | 18.3     | 16.6 | 0.9  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 77              | 19.5                | 23.0 | 5.2  | 22.1    | 26.2 | 5.7  | 23.4     | 28.9 | 6.5  |
| Congestive Heart Failure.....              | 100             | 9.0                 | 14.4 | 4.4  | 13.0    | 23.0 | 6.1  | 20.0     | 29.2 | 6.2  |
| Pneumonia/Influenza.....                   | 116             | 15.5                | 14.3 | 3.5  | 20.7    | 19.7 | 4.3  | 31.9     | 23.5 | 5.0  |
| Chronic Obstructive Pulmonary Disease..... | 38              | 7.9                 | 7.5  | ---- | 10.5    | 13.8 | ---- | 21.1     | 18.7 | ---- |
| Transient Cerebral Ischemia.....           | 25              | 0.0                 | 1.5  | ---- | 0.0     | 3.6  | ---- | 4.0      | 6.1  | ---- |
| Stroke.....                                | 85              | 16.5                | 19.0 | 7.4  | 18.8    | 25.0 | 7.9  | 29.4     | 28.6 | 6.9  |
| Hip Fracture.....                          | 57              | 7.0                 | 6.1  | 5.9  | 15.8    | 10.9 | 8.4  | 15.8     | 14.3 | 10.6 |
| Sepsis.....                                | 27              | 33.3                | 25.6 | ---- | 37.0    | 33.4 | ---- | 40.7     | 37.9 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 28              | 0.0                 | 4.3  | ---- | 0.0     | 5.3  | ---- | 7.1      | 6.5  | ---- |
| Coronary Artery Bypass Graft.....          | 63              | 4.8                 | 4.3  | 2.6  | 4.8     | 6.1  | 3.1  | 6.3      | 7.0  | 3.5  |
| Initial Pacemaker Insertion.....           | 19              | 0.0                 | 4.1  | ---- | 0.0     | 7.5  | ---- | 0.0      | 10.2 | ---- |
| Carotid Endarterectomy.....                | 7               | 0.0                 | 0.8  | ---- | 0.0     | 1.6  | ---- | 0.0      | 2.6  | ---- |
| Hip Replacement/Reconstruction.....        | 78              | 3.8                 | 2.9  | 2.1  | 7.7     | 5.4  | 3.2  | 7.7      | 7.5  | 3.1  |
| Open Reduction of Hip Fracture.....        | 27              | 3.7                 | 5.4  | ---- | 11.1    | 10.0 | ---- | 11.1     | 13.3 | ---- |
| Prostatectomy.....                         | 96              | 1.0                 | 0.5  | 0.9  | 1.0     | 1.1  | 1.5  | 2.1      | 2.0  | 1.7  |
| Cholecystectomy.....                       | 54              | 3.7                 | 1.5  | 2.8  | 5.6     | 3.0  | 4.2  | 7.4      | 4.2  | 4.6  |
| Hysterectomy.....                          | 32              | 0.0                 | 0.6  | ---- | 0.0     | 1.4  | ---- | 0.0      | 2.3  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# MEMORIAL HOSPITAL MODESTO

Medicare Provider Number: 050557

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 73.2 years  
Proportion female..... 54.2 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 57.9 %  
Transferred from skilled nursing facility..... 0.5 %  
Admitted for elective procedure..... 47.6 %  
Admitted for emergency..... 22.0 %

### COMORBIDITIES:

Cancer..... 9.5 %  
Chronic cardiovascular disease..... 31.0 %  
Chronic liver disease..... 0.6 %  
Chronic renal disease..... 5.7 %  
Chronic pulmonary disease..... 14.7 %  
Cerebrovascular degeneration..... 2.2 %  
Diabetes mellitus..... 7.2 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 82.8%  
State..... 16.5%  
Outside State..... 0.7%  
Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 7.0 Days  
State..... 7.1 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds..... 328  
Occupancy Rate..... 75.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges..... 38.8 %  
Case Mix Index (CMI)..... 1.4227

### STAFFING:

Total Number of Physicians..... 198  
Percent of Physicians Board  
Certified Specialists..... 74.7 %  
Medical Residents/Interns..... 0  
Registered Nurses..... 336  
Licensed Practical Nurses..... 43

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Trauma Center..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... Yes  
Rehabilitation..... No  
Psychiatric..... Yes  
Medicare Swing Beds..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# MENDOCINO COAST HOSPITAL

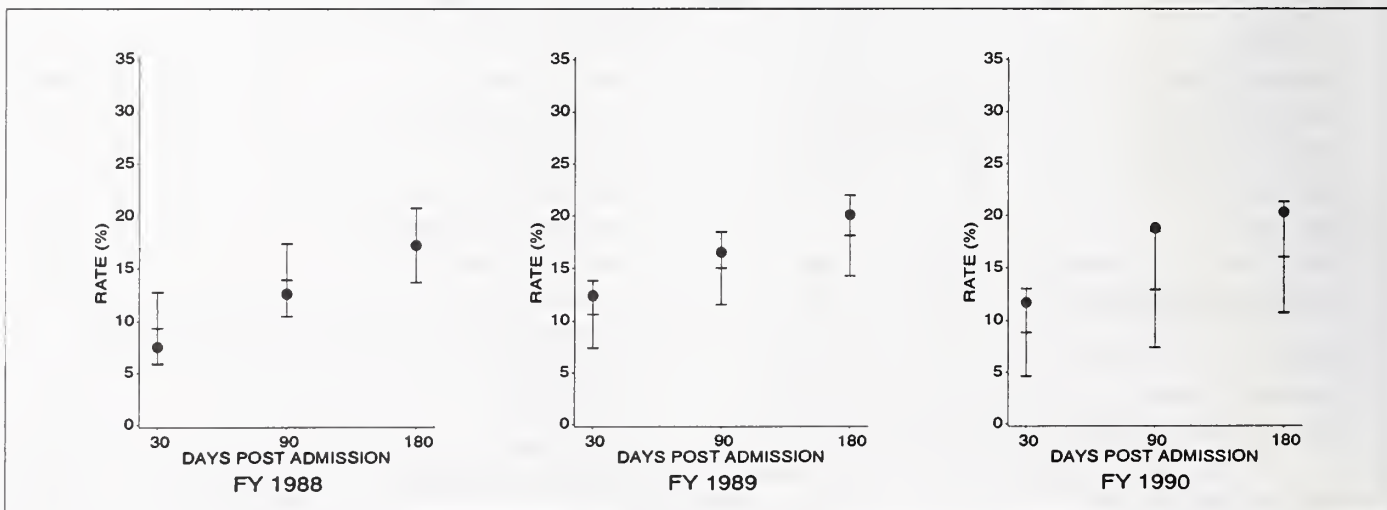
700 RIVER DR  
FORT BRAGG, CA 95437  
Medicare Provider Number: 050569

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 409             | 11.7                | 8.8  | 2.1  | 18.8    | 12.9 | 2.8  | 20.3     | 16.0 | 2.7  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 25              | 12.0                | 20.9 | ---- | 24.0    | 23.4 | ---- | 24.0     | 26.0 | ---- |
| Congestive Heart Failure.....              | 12              | 25.0                | 14.3 | ---- | 33.3    | 22.8 | ---- | 33.3     | 28.4 | ---- |
| Pneumonia/Influenza.....                   | 21              | 14.3                | 11.9 | ---- | 14.3    | 17.9 | ---- | 14.3     | 22.3 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 2               | 0.0                 | 6.0  | ---- | 0.0     | 10.4 | ---- | 0.0      | 14.1 | ---- |
| Transient Cerebral Ischemia.....           | 2               | 0.0                 | 1.5  | ---- | 0.0     | 4.0  | ---- | 0.0      | 7.2  | ---- |
| Stroke.....                                | 25              | 28.0                | 20.0 | ---- | 32.0    | 26.4 | ---- | 32.0     | 30.3 | ---- |
| Hip Fracture.....                          | 14              | 7.1                 | 6.6  | ---- | 28.6    | 11.4 | ---- | 28.6     | 14.8 | ---- |
| Sepsis.....                                | 5               | 0.0                 | 19.3 | ---- | 40.0    | 27.3 | ---- | 40.0     | 32.1 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 4               | 0.0                 | 2.5  | ---- | 0.0     | 5.0  | ---- | 0.0      | 7.5  | ---- |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 9               | 11.1                | 4.2  | ---- | 22.2    | 7.1  | ---- | 22.2     | 9.0  | ---- |
| Open Reduction of Hip Fracture.....        | 4               | 25.0                | 6.1  | ---- | 50.0    | 11.3 | ---- | 50.0     | 15.0 | ---- |
| Prostatectomy.....                         | 10              | 10.0                | 0.6  | ---- | 10.0    | 1.3  | ---- | 10.0     | 2.3  | ---- |
| Cholecystectomy.....                       | 5               | 0.0                 | 3.8  | ---- | 0.0     | 6.0  | ---- | 0.0      | 7.2  | ---- |
| Hysterectomy.....                          | 9               | 0.0                 | 0.7  | ---- | 0.0     | 1.7  | ---- | 0.0      | 2.9  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# MENDOCINO COAST HOSPITAL

Medicare Provider Number: 050569

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 75.5 years  
Proportion female..... 55.0 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 42.3 %  
Transferred from skilled nursing facility..... 2.4 %  
Admitted for elective procedure..... 24.4 %  
Admitted for emergency..... 6.4 %

### COMORBIDITIES:

Cancer..... 6.1 %  
Chronic cardiovascular disease..... 32.3 %  
Chronic liver disease..... 1.2 %  
Chronic renal disease..... 1.7 %  
Chronic pulmonary disease..... 7.3 %  
Cerebrovascular degeneration..... 4.6 %  
Diabetes mellitus..... 2.0 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 89.3%  
State ..... 9.4%  
Outside State ..... 1.3%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 4.9 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 54  
Occupancy Rate ..... 50.0 %  
Ownership/Control..... District/Authority  
Medicare Discharges ..... 33.9 %  
Case Mix Index (CMI) ..... 1.1744

### STAFFING:

Total Number of Physicians..... (Not Available)  
Percent of Physicians Board  
Certified Specialists .....(Not Available)  
Medical Residents/Interns ..... (Not Available)  
Registered Nurses..... (Not Available)  
Licensed Practical Nurses ..... (Not Available)

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... Yes  
Hospice Care ..... Yes  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# MENDOCINO COMMUNITY HOSPITAL

860 N BUSH ST  
UKIAH, CA 95482  
Medicare Provider Number: 050381

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 26                 | 7.7                 | 9.6  | ---- | 19.2    | 16.1 | ---- | 23.1     | 20.3 | ---- |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Congestive Heart Failure.....              | 1                  | 0.0                 | 9.7  | ---- | 0.0     | 14.8 | ---- | 100.0    | 20.0 | ---- |
| Pneumonia/Influenza.....                   | 6                  | 0.0                 | 12.0 | ---- | 0.0     | 17.4 | ---- | 0.0      | 20.7 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 0                  |                     |      |      |         |      |      |          |      |      |
| Transient Cerebral Ischemia.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Stroke.....                                | 0                  |                     |      |      |         |      |      |          |      |      |
| Hip Fracture.....                          | 1                  | 0.0                 | 18.8 | ---- | 0.0     | 29.0 | ---- | 0.0      | 33.7 | ---- |
| Sepsis.....                                | 0                  |                     |      |      |         |      |      |          |      |      |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0                  |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 1                  | 0.0                 | 17.4 | ---- | 0.0     | 27.9 | ---- | 0.0      | 32.9 | ---- |
| Open Reduction of Hip Fracture.....        | 0                  |                     |      |      |         |      |      |          |      |      |
| Prostatectomy.....                         | 0                  |                     |      |      |         |      |      |          |      |      |
| Cholecystectomy.....                       | 0                  |                     |      |      |         |      |      |          |      |      |
| Hysterectomy.....                          | 0                  |                     |      |      |         |      |      |          |      |      |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES

No Graphs are presented when the standard deviation  
was not computed for one or more of the three fiscal years,  
(1988, 1989, or 1990)



# MENDOCINO COMMUNITY HOSPITAL

Medicare Provider Number: 050381

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 68.0 years |
| Proportion female.....        | 65.4 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 65.4 % |
| Transferred from skilled nursing facility..... | 7.7 %  |
| Admitted for elective procedure.....           | 23.1 % |
| Admitted for emergency.....                    | 7.7 %  |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 7.7 %  |
| Chronic cardiovascular disease..... | 23.1 % |
| Chronic liver disease.....          | 3.8 %  |
| Chronic renal disease.....          | 7.7 %  |
| Chronic pulmonary disease.....      | 11.5 % |
| Cerebrovascular degeneration.....   | 7.7 %  |
| Diabetes mellitus.....              | 3.8 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 93.3%  |
| State .....         | 5.0%   |
| Outside State ..... | 1.7%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 6.9 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1989

### PROFILE:

|                            |                  |
|----------------------------|------------------|
| Total Beds .....           | 56               |
| Ownership/Control.....     | Local Government |
| Case Mix Index (CMI) ..... | 1.2588           |

### STAFFING:

|                                 |    |
|---------------------------------|----|
| Medical Residents/Interns ..... | 0  |
| Registered Nurses.....          | 7  |
| Licensed Practical Nurses ..... | 10 |

### SPECIALTY SERVICES:

|                           |    |
|---------------------------|----|
| Burn Unit .....           | No |
| Coronary Care Unit .....  | No |
| Hospice Care .....        | No |
| Intensive Care Unit ..... | No |
| Organ Transplant .....    | No |
| Trauma Center .....       | No |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |    |
|---------------------------|----|
| Alcohol/Drug .....        | No |
| Rehabilitation.....       | No |
| Psychiatric .....         | No |
| Medicare Swing Beds ..... | No |

\*\* Except for CMI

\* Not used in calculating mortality rates

# MERCED COMMUNITY MEDICAL CENTER

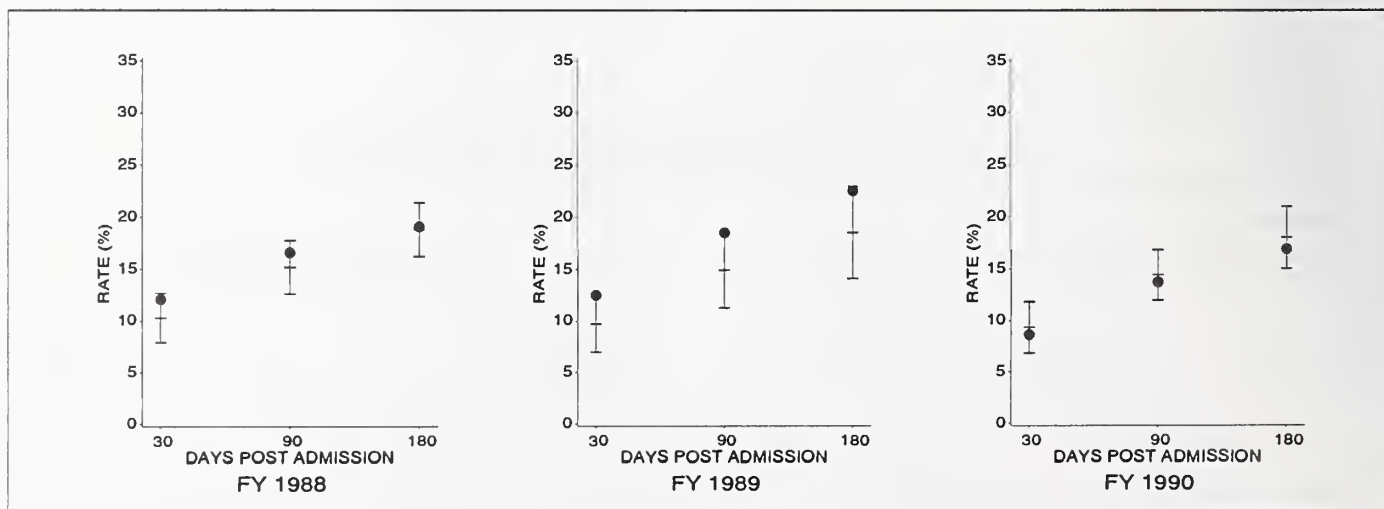
301 E 13TH ST  
MERCED, CA 95340  
Medicare Provider Number: 050444

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1027            | 8.6                 | 9.3  | 1.3   | 13.7    | 14.4 | 1.2   | 16.9     | 18.0 | 1.5   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 37              | 24.3                | 23.5 | ----- | 32.4    | 26.5 | ----- | 35.1     | 28.9 | ----- |
| Congestive Heart Failure.....              | 61              | 11.5                | 15.2 | 5.6   | 24.6    | 23.7 | 5.6   | 27.9     | 29.5 | 6.4   |
| Pneumonia/Influenza.....                   | 52              | 15.4                | 17.8 | 6.9   | 23.1    | 24.6 | 6.1   | 25.0     | 28.9 | 7.1   |
| Chronic Obstructive Pulmonary Disease..... | 13              | 0.0                 | 8.1  | ----- | 7.7     | 14.4 | ----- | 7.7      | 19.0 | ----- |
| Transient Cerebral Ischemia.....           | 16              | 0.0                 | 1.5  | ----- | 6.3     | 3.5  | ----- | 6.3      | 5.7  | ----- |
| Stroke.....                                | 32              | 25.0                | 17.4 | ----- | 37.5    | 24.2 | ----- | 37.5     | 28.3 | ----- |
| Hip Fracture.....                          | 24              | 8.3                 | 7.5  | ----- | 16.7    | 12.9 | ----- | 16.7     | 16.5 | ----- |
| Sepsis.....                                | 3               | 0.0                 | 20.7 | ----- | 33.3    | 35.8 | ----- | 33.3     | 44.2 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 9               | 11.1                | 3.9  | ----- | 22.2    | 7.1  | ----- | 22.2     | 9.4  | ----- |
| Carotid Endarterectomy.....                | 19              | 0.0                 | 1.1  | ----- | 5.3     | 2.2  | ----- | 5.3      | 3.2  | ----- |
| Hip Replacement/Reconstruction.....        | 10              | 0.0                 | 4.6  | ----- | 10.0    | 8.6  | ----- | 10.0     | 11.8 | ----- |
| Open Reduction of Hip Fracture.....        | 12              | 8.3                 | 4.9  | ----- | 8.3     | 9.0  | ----- | 8.3      | 11.8 | ----- |
| Prostatectomy.....                         | 64              | 0.0                 | 0.8  | 1.2   | 1.6     | 1.8  | 1.9   | 1.6      | 3.1  | 2.5   |
| Cholecystectomy.....                       | 22              | 9.1                 | 2.0  | ----- | 9.1     | 3.5  | ----- | 9.1      | 4.8  | ----- |
| Hysterectomy.....                          | 7               | 0.0                 | 0.9  | ----- | 14.3    | 2.0  | ----- | 14.3     | 3.3  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# MERCED COMMUNITY MEDICAL CENTER

Medicare Provider Number: 050444

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 72.8 years  
Proportion female..... 49.6 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 52.0 %  
Transferred from skilled nursing facility..... 6.5 %  
Admitted for elective procedure..... 12.1 %  
Admitted for emergency..... 7.5 %

### COMORBIDITIES:

Cancer..... 5.9 %  
Chronic cardiovascular disease..... 43.5 %  
Chronic liver disease..... 2.4 %  
Chronic renal disease..... 4.1 %  
Chronic pulmonary disease..... 20.3 %  
Cerebrovascular degeneration..... 3.9 %  
Diabetes mellitus..... 7.9 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 77.5%  
State ..... 21.2%  
Outside State ..... 1.3%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 7.1 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 158  
Occupancy Rate ..... 61.0 %  
Ownership/Control..... Local Government  
Medicare Discharges ..... 23.7 %  
Case Mix Index (CMI) ..... 1.1998

### STAFFING:

Total Number of Physicians..... 129  
Percent of Physicians Board  
Certified Specialists..... 65.9 %  
Medical Residents/Interns ..... 18  
Registered Nurses..... 177  
Licensed Practical Nurses ..... 37

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... Yes  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... Yes  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# MERCY GENERAL HOSPITAL

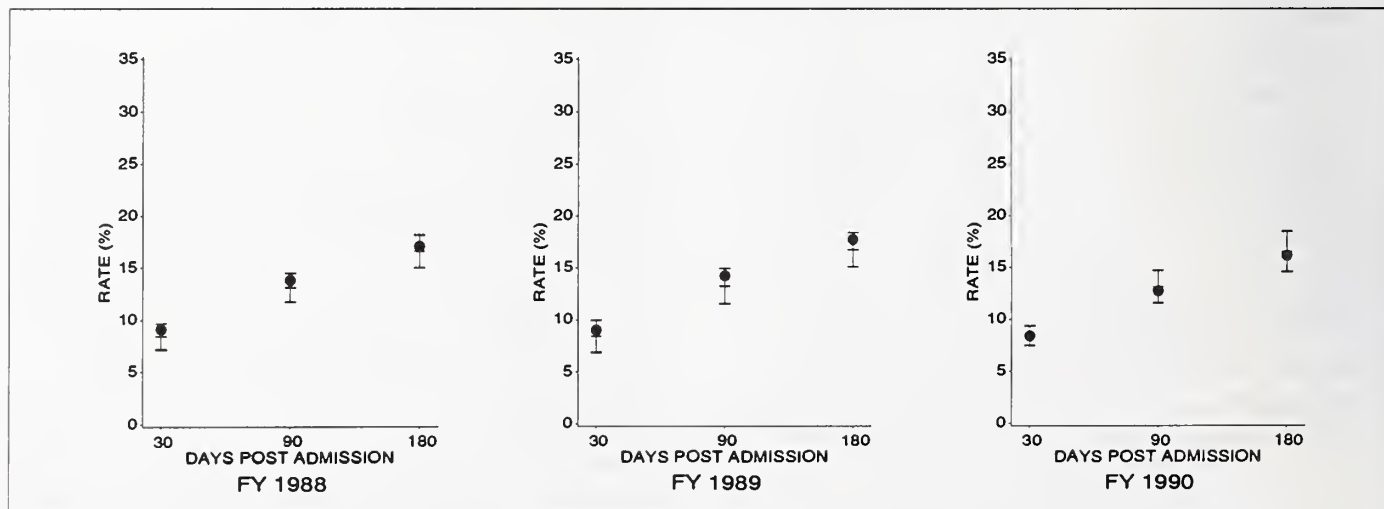
4001 J ST  
SACRAMENTO, CA 95819  
Medicare Provider Number: 050017

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 3402               | 8.4                 | 8.4  | 0.5  | 12.7    | 13.1 | 0.8  | 16.1     | 16.5 | 1.0  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 77                 | 18.2                | 25.2 | 8.6  | 23.4    | 29.0 | 9.4  | 26.0     | 32.0 | 9.8  |
| Congestive Heart Failure.....              | 181                | 17.1                | 14.5 | 3.1  | 22.1    | 23.0 | 3.2  | 28.7     | 29.0 | 3.4  |
| Pneumonia/Influenza.....                   | 144                | 16.7                | 15.3 | 3.7  | 22.9    | 21.3 | 3.7  | 27.1     | 25.5 | 4.2  |
| Chronic Obstructive Pulmonary Disease..... | 45                 | 6.7                 | 6.4  | ---- | 20.0    | 12.4 | ---- | 31.1     | 16.9 | ---- |
| Transient Cerebral Ischemia.....           | 43                 | 2.3                 | 2.3  | ---- | 9.3     | 5.1  | ---- | 9.3      | 7.7  | ---- |
| Stroke.....                                | 107                | 15.0                | 17.3 | 4.1  | 24.3    | 23.2 | 4.2  | 28.0     | 26.7 | 4.4  |
| Hip Fracture.....                          | 79                 | 7.6                 | 7.1  | 2.9  | 12.7    | 12.4 | 3.9  | 12.7     | 15.9 | 5.2  |
| Sepsis.....                                | 27                 | 18.5                | 23.1 | ---- | 29.6    | 31.4 | ---- | 37.0     | 36.5 | ---- |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 201                | 3.0                 | 2.6  | 1.3  | 3.5     | 3.6  | 1.5  | 4.0      | 4.7  | 1.9  |
| Coronary Artery Bypass Graft.....          | 291                | 3.1                 | 6.6  | 1.8  | 4.5     | 9.5  | 2.4  | 5.2      | 10.8 | 2.6  |
| Initial Pacemaker Insertion.....           | 45                 | 0.0                 | 2.6  | ---- | 0.0     | 5.2  | ---- | 2.2      | 7.7  | ---- |
| Carotid Endarterectomy.....                | 10                 | 0.0                 | 1.8  | ---- | 0.0     | 3.3  | ---- | 0.0      | 4.6  | ---- |
| Hip Replacement/Reconstruction.....        | 78                 | 2.6                 | 3.1  | 2.1  | 5.1     | 5.6  | 2.6  | 5.1      | 7.5  | 3.7  |
| Open Reduction of Hip Fracture.....        | 31                 | 6.5                 | 6.3  | ---- | 12.9    | 11.3 | ---- | 12.9     | 14.8 | ---- |
| Prostatectomy.....                         | 121                | 2.5                 | 1.3  | 1.5  | 4.1     | 3.2  | 2.3  | 4.1      | 5.3  | 2.7  |
| Cholecystectomy.....                       | 48                 | 0.0                 | 2.4  | ---- | 0.0     | 4.5  | ---- | 2.1      | 6.1  | ---- |
| Hysterectomy.....                          | 20                 | 0.0                 | 0.3  | ---- | 0.0     | 0.8  | ---- | 0.0      | 1.3  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# MERCY GENERAL HOSPITAL

Medicare Provider Number: 050017

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 74.1 years |
| Proportion female.....        | 51.1 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 49.6 % |
| Transferred from skilled nursing facility..... | 2.8 %  |
| Admitted for elective procedure.....           | 11.3 % |
| Admitted for emergency.....                    | 14.5 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 7.8 %  |
| Chronic cardiovascular disease..... | 47.6 % |
| Chronic liver disease.....          | 0.9 %  |
| Chronic renal disease.....          | 3.3 %  |
| Chronic pulmonary disease.....      | 19.9 % |
| Cerebrovascular degeneration.....   | 3.3 %  |
| Diabetes mellitus.....              | 7.4 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City.....    | 73.4%  |
| State .....         | 25.3%  |
| Outside State ..... | 1.3%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 7.3 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |        |
|----------------------------|--------|
| Total Beds .....           | 434    |
| Occupancy Rate .....       | 60.0 % |
| Ownership/Control.....     | Church |
| Medicare Discharges .....  | 38.8 % |
| Case Mix Index (CMI) ..... | 1.8650 |

### STAFFING:

|                                                            |                 |
|------------------------------------------------------------|-----------------|
| Total Number of Physicians.....                            | 420             |
| Percent of Physicians Board<br>Certified Specialists ..... | 75.5 %          |
| Medical Residents/Interns .....                            | (Not Available) |
| Registered Nurses.....                                     | (Not Available) |
| Licensed Practical Nurses .....                            | (Not Available) |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | Yes |
| Comprehensive Geriatric .....         | Yes |
| Hospice Care .....                    | Yes |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | Yes |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | Yes |
| Psychiatric .....         | No  |
| Medicare Swing Beds ..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

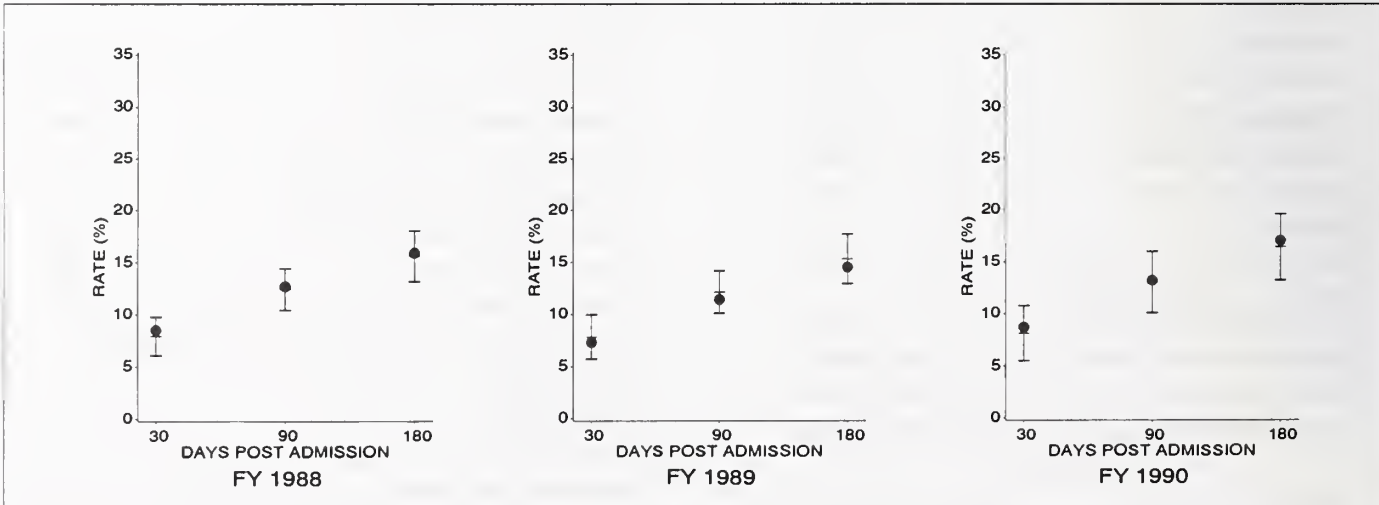
**MERCY HOSPITAL**  
 2740 "M" STREET  
 MERCED, CA 95340  
 Medicare Provider Number: 050117

**FY 1990 MEDICARE HOSPITAL MORTALITY RATES**

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1145               | 8.7                 | 8.1  | 1.3   | 13.2    | 13.0 | 1.5   | 17.0     | 16.4 | 1.6   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 35                 | 25.7                | 21.3 | ----- | 25.7    | 24.3 | ----- | 34.3     | 26.8 | ----- |
| Congestive Heart Failure.....              | 56                 | 19.6                | 14.8 | 5.9   | 32.1    | 23.9 | 8.5   | 41.1     | 30.5 | 10.1  |
| Pneumonia/Influenza.....                   | 57                 | 21.1                | 15.9 | 6.8   | 28.1    | 23.0 | 7.2   | 28.1     | 27.2 | 6.7   |
| Chronic Obstructive Pulmonary Disease..... | 20                 | 0.0                 | 5.3  | ----- | 0.0     | 10.1 | ----- | 5.0      | 14.2 | ----- |
| Transient Cerebral Ischemia.....           | 26                 | 7.7                 | 1.9  | ----- | 7.7     | 4.1  | ----- | 11.5     | 6.5  | ----- |
| Stroke.....                                | 31                 | 12.9                | 13.3 | ----- | 22.6    | 19.9 | ----- | 22.6     | 23.5 | ----- |
| Hip Fracture.....                          | 55                 | 3.6                 | 5.8  | 4.1   | 10.9    | 10.5 | 5.7   | 14.5     | 13.7 | 5.1   |
| Sepsis.....                                | 14                 | 7.1                 | 22.7 | ----- | 35.7    | 35.0 | ----- | 50.0     | 41.2 | ----- |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 9                  | 0.0                 | 4.8  | ----- | 0.0     | 8.9  | ----- | 22.2     | 12.1 | ----- |
| Carotid Endarterectomy.....                | 18                 | 0.0                 | 1.4  | ----- | 0.0     | 2.6  | ----- | 0.0      | 3.7  | ----- |
| Hip Replacement/Reconstruction.....        | 38                 | 5.3                 | 2.9  | ----- | 10.5    | 5.4  | ----- | 10.5     | 7.3  | ----- |
| Open Reduction of Hip Fracture.....        | 32                 | 3.1                 | 4.7  | ----- | 9.4     | 9.0  | ----- | 15.6     | 12.2 | ----- |
| Prostatectomy.....                         | 60                 | 0.0                 | 1.1  | 1.4   | 3.3     | 2.6  | 3.4   | 3.3      | 4.5  | 3.8   |
| Cholecystectomy.....                       | 34                 | 2.9                 | 1.9  | ----- | 2.9     | 3.2  | ----- | 2.9      | 4.1  | ----- |
| Hysterectomy.....                          | 12                 | 0.0                 | 0.6  | ----- | 0.0     | 1.3  | ----- | 0.0      | 2.1  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

**OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD)  
 FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES**



**MERCY HOSPITAL**  
Medicare Provider Number: 050117

**FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES**

**DEMOGRAPHICS:**

Average age at admission..... 74.9 years  
Proportion female..... 57.0 %

**ADMISSION SOURCES/TYPES:**

Referred by personal or HMO physician..... 48.8 %  
Transferred from skilled nursing facility..... 0.3 %  
Admitted for elective procedure..... 9.5 %  
Admitted for emergency..... 3.0 %

**COMORBIDITIES:**

Cancer..... 7.0 %  
Chronic cardiovascular disease..... 34.1 %  
Chronic liver disease..... 1.0 %  
Chronic renal disease..... 5.0 %  
Chronic pulmonary disease..... 26.0 %  
Cerebrovascular degeneration..... 3.3 %  
Diabetes mellitus..... 8.6 %

**ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\***

**ORIGIN OF MEDICARE PATIENT ADMISSION:**

County/City ..... 78.4%  
State ..... 20.7%  
Outside State ..... 0.9%  
Total ..... 100.0%

**MEDICARE AVERAGE LENGTH OF STAY:**

Hospital ..... 6.7 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

**HOSPITAL CHARACTERISTICS\***

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

**PROFILE:**

Total Beds ..... 93  
Occupancy Rate ..... 63.0 %  
Ownership/Control..... Church  
Medicare Discharges ..... 42.7 %  
Case Mix Index (CMI) ..... 1.2999

**STAFFING:**

Total Number of Physicians..... 116  
Percent of Physicians Board  
Certified Specialists ..... 75.9 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 64  
Licensed Practical Nurses ..... 40

**SPECIALTY SERVICES:**

Burn Unit ..... No  
Cardiac Intensive Care ..... Yes  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... No  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

**OTHER SPECIALTY/HOSPITAL-BASED SERVICES:**

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# MERCY HOSPITAL OF FOLSOM

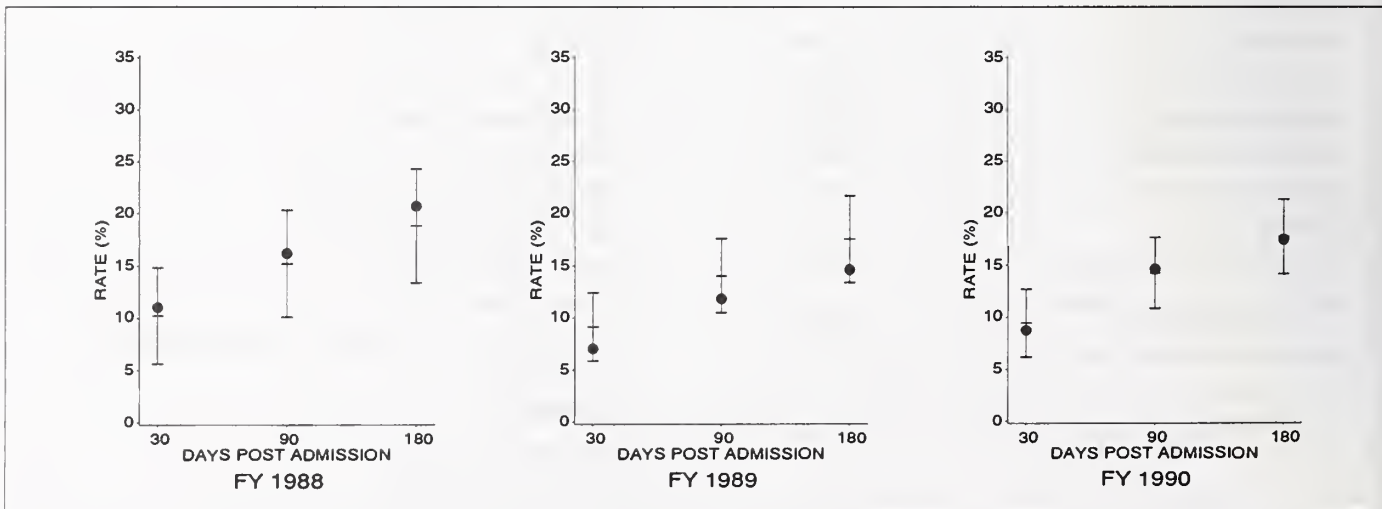
1650 CREEKSIDE DRIVE  
FOLSOM, CA 95630  
Medicare Provider Number: 050414

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 576             | 8.7                 | 9.4  | 1.6  | 14.6    | 14.2 | 1.7  | 17.4     | 17.7 | 1.8  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 16              | 25.0                | 27.0 | ---- | 31.3    | 30.1 | ---- | 31.3     | 32.7 | ---- |
| Congestive Heart Failure.....              | 13              | 15.4                | 11.5 | ---- | 15.4    | 18.2 | ---- | 23.1     | 23.5 | ---- |
| Pneumonia/Influenza.....                   | 23              | 17.4                | 14.1 | ---- | 26.1    | 19.9 | ---- | 26.1     | 23.5 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 16              | 6.3                 | 6.0  | ---- | 12.5    | 10.8 | ---- | 12.5     | 14.8 | ---- |
| Transient Cerebral Ischemia.....           | 15              | 0.0                 | 1.9  | ---- | 6.7     | 4.2  | ---- | 6.7      | 6.9  | ---- |
| Stroke.....                                | 30              | 20.0                | 22.5 | ---- | 23.3    | 29.6 | ---- | 26.7     | 33.6 | ---- |
| Hip Fracture.....                          | 23              | 4.3                 | 6.1  | ---- | 13.0    | 11.0 | ---- | 13.0     | 14.4 | ---- |
| Sepsis.....                                | 15              | 26.7                | 24.9 | ---- | 40.0    | 29.1 | ---- | 40.0     | 32.5 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 1               | 0.0                 | 0.6  | ---- | 0.0     | 1.5  | ---- | 0.0      | 2.7  | ---- |
| Carotid Endarterectomy.....                | 1               | 0.0                 | 1.1  | ---- | 0.0     | 2.0  | ---- | 0.0      | 2.9  | ---- |
| Hip Replacement/Reconstruction.....        | 10              | 0.0                 | 2.1  | ---- | 0.0     | 4.1  | ---- | 0.0      | 5.8  | ---- |
| Open Reduction of Hip Fracture.....        | 16              | 6.3                 | 6.3  | ---- | 18.8    | 11.8 | ---- | 18.8     | 15.6 | ---- |
| Prostatectomy.....                         | 15              | 0.0                 | 0.6  | ---- | 0.0     | 1.6  | ---- | 0.0      | 2.9  | ---- |
| Cholecystectomy.....                       | 14              | 0.0                 | 1.7  | ---- | 0.0     | 3.0  | ---- | 0.0      | 3.7  | ---- |
| Hysterectomy.....                          | 5               | 0.0                 | 0.1  | ---- | 0.0     | 0.3  | ---- | 0.0      | 0.5  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# MERCY HOSPITAL OF FOLSOM

Medicare Provider Number: 050414

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 75.8 years  
Proportion female..... 58.7 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 39.6 %  
Transferred from skilled nursing facility..... 1.4 %  
Admitted for elective procedure..... 13.5 %  
Admitted for emergency..... 32.8 %

### COMORBIDITIES:

Cancer..... 6.9 %  
Chronic cardiovascular disease..... 35.4 %  
Chronic liver disease..... 0.7 %  
Chronic renal disease..... 1.7 %  
Chronic pulmonary disease..... 23.8 %  
Cerebrovascular degeneration..... 3.6 %  
Diabetes mellitus..... 8.9 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 74.1%  
State ..... 23.0%  
Outside State ..... 2.9%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 6.4 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1987

### PROFILE:

Total Beds ..... 34  
Ownership/Control..... Private, For Profit  
Case Mix Index (CMI) ..... 1.2802

### STAFFING:

Medical Residents/Interns ..... 0  
Registered Nurses..... 23  
Licensed Practical Nurses ..... 11

### SPECIALTY SERVICES:

Burn Unit ..... No  
Coronary Care Unit ..... Yes  
Hospice Care ..... Yes  
Intensive Care Unit ..... Yes  
Organ Transplant ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... Yes  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# MERCY MEDICAL CENTER MT. SHASTA

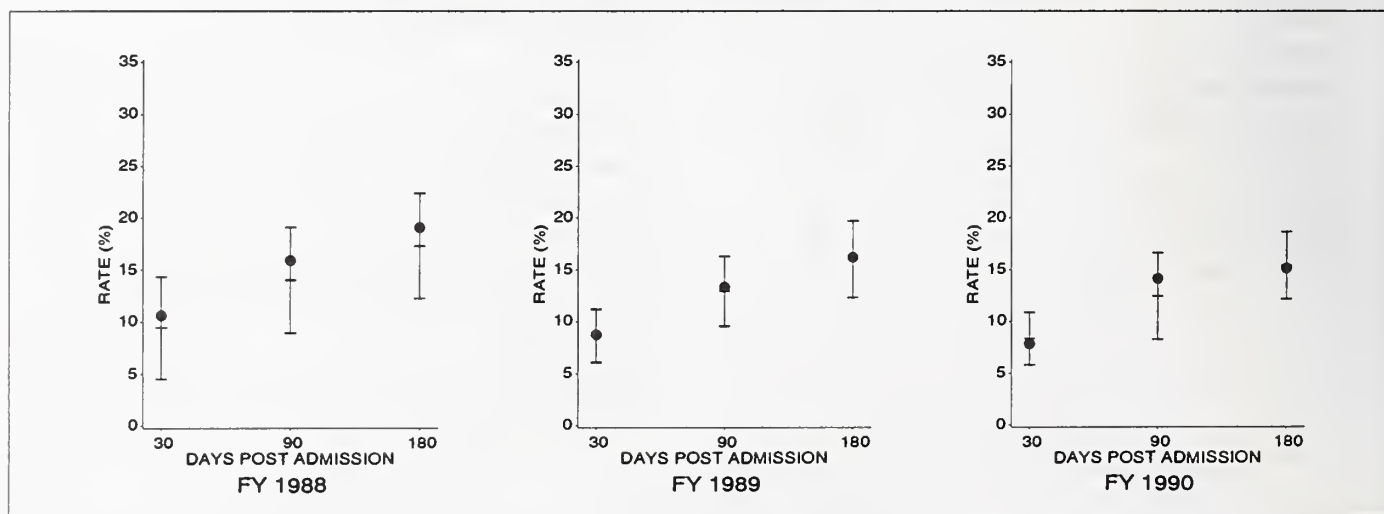
914 PINE STREET  
MOUNT SHASTA, CA 96067  
Medicare Provider Number: 050419

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 498             | 7.8                 | 8.3  | 1.3  | 14.1    | 12.4 | 2.1  | 15.1     | 15.4 | 1.6  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 12              | 50.0                | 27.6 | ---- | 58.3    | 30.8 | ---- | 58.3     | 34.1 | ---- |
| Congestive Heart Failure.....              | 32              | 9.4                 | 14.9 | ---- | 18.8    | 23.7 | ---- | 18.8     | 30.1 | ---- |
| Pneumonia/Influenza.....                   | 38              | 10.5                | 15.4 | ---- | 15.8    | 20.8 | ---- | 15.8     | 24.1 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 3               | 0.0                 | 8.3  | ---- | 66.7    | 12.9 | ---- | 66.7     | 17.1 | ---- |
| Transient Cerebral Ischemia.....           | 2               | 0.0                 | 0.9  | ---- | 0.0     | 2.0  | ---- | 0.0      | 3.4  | ---- |
| Stroke.....                                | 17              | 23.5                | 18.8 | ---- | 35.3    | 26.0 | ---- | 35.3     | 30.7 | ---- |
| Hip Fracture.....                          | 8               | 12.5                | 5.1  | ---- | 12.5    | 9.0  | ---- | 12.5     | 12.3 | ---- |
| Sepsis.....                                | 8               | 25.0                | 19.1 | ---- | 25.0    | 23.7 | ---- | 37.5     | 27.5 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 2               | 0.0                 | 1.2  | ---- | 0.0     | 2.3  | ---- | 0.0      | 3.7  | ---- |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 11              | 0.0                 | 0.3  | ---- | 0.0     | 0.6  | ---- | 0.0      | 0.9  | ---- |
| Open Reduction of Hip Fracture.....        | 4               | 0.0                 | 4.8  | ---- | 0.0     | 8.3  | ---- | 0.0      | 10.7 | ---- |
| Prostatectomy.....                         | 12              | 0.0                 | 0.4  | ---- | 0.0     | 1.1  | ---- | 0.0      | 2.0  | ---- |
| Cholecystectomy.....                       | 6               | 0.0                 | 0.9  | ---- | 16.7    | 1.6  | ---- | 16.7     | 2.1  | ---- |
| Hysterectomy.....                          | 1               | 0.0                 | 0.0  | ---- | 0.0     | 0.1  | ---- | 0.0      | 0.1  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# MERCY MEDICAL CENTER MT. SHASTA

Medicare Provider Number: 050419

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 74.3 years  
Proportion female..... 53.8 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 41.0 %  
Transferred from skilled nursing facility..... 2.4 %  
Admitted for elective procedure..... 33.1 %  
Admitted for emergency..... 26.9 %

### COMORBIDITIES:

Cancer..... 5.4 %  
Chronic cardiovascular disease..... 28.9 %  
Chronic liver disease..... 1.6 %  
Chronic renal disease..... 2.8 %  
Chronic pulmonary disease..... 13.5 %  
Cerebrovascular degeneration..... 6.0 %  
Diabetes mellitus..... 5.2 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 85.7%  
State ..... 12.0%  
Outside State ..... 2.3%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 4.6 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 80  
Occupancy Rate ..... 60.0 %  
Ownership/Control..... Church  
Medicare Discharges ..... 50.9 %  
Case Mix Index (CMI) ..... 1.2017

### STAFFING:

Total Number of Physicians..... 19  
Percent of Physicians Board  
Certified Specialists..... 63.2 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 36  
Licensed Practical Nurses ..... 7

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# MERCY MEDICAL CENTER REDDING

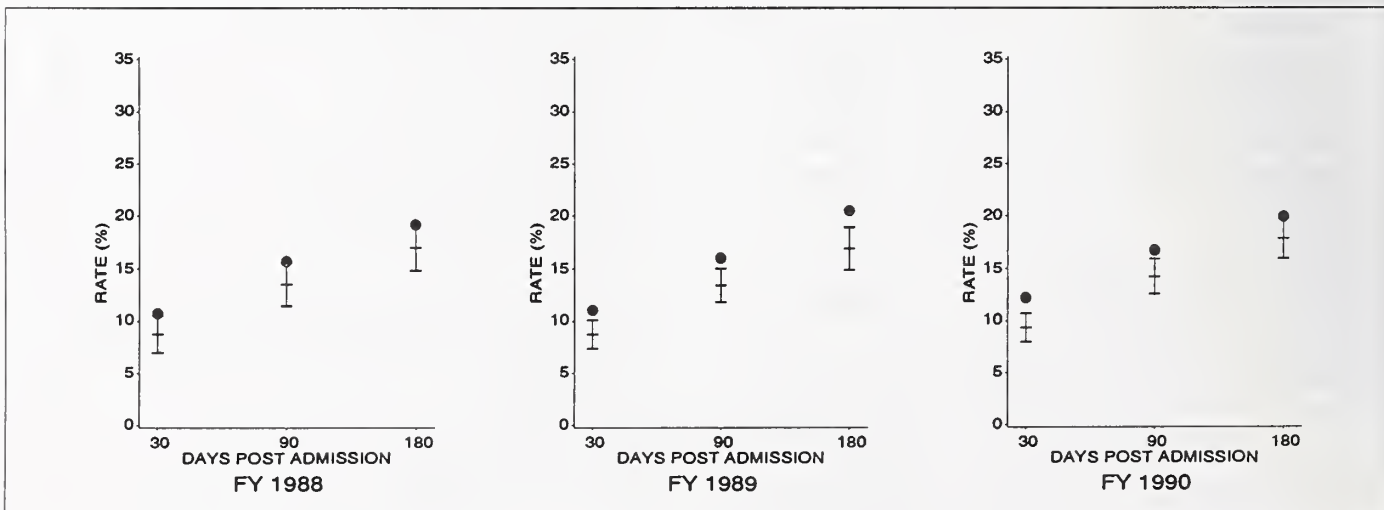
CLAIRMONT HEIGHTS  
REDDING, CA 96001  
Medicare Provider Number: 050280

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 2045            | 12.2                | 9.3  | 0.7   | 16.7    | 14.2 | 0.8   | 19.9     | 17.8 | 1.0   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 40              | 40.0                | 28.4 | ----- | 40.0    | 31.0 | ----- | 42.5     | 33.8 | ----- |
| Congestive Heart Failure.....              | 58              | 24.1                | 15.2 | 6.8   | 27.6    | 22.8 | 6.8   | 32.8     | 28.7 | 6.2   |
| Pneumonia/Influenza.....                   | 80              | 13.7                | 16.7 | 4.7   | 18.8    | 23.9 | 6.1   | 21.2     | 28.3 | 7.2   |
| Chronic Obstructive Pulmonary Disease..... | 39              | 12.8                | 8.9  | ----- | 25.6    | 15.9 | ----- | 30.8     | 20.9 | ----- |
| Transient Cerebral Ischemia.....           | 13              | 0.0                 | 1.3  | ----- | 0.0     | 3.1  | ----- | 0.0      | 5.4  | ----- |
| Stroke.....                                | 68              | 23.5                | 23.4 | 5.1   | 29.4    | 28.6 | 5.5   | 33.8     | 32.0 | 6.2   |
| Hip Fracture.....                          | 51              | 7.8                 | 6.4  | 5.0   | 15.7    | 11.7 | 8.4   | 15.7     | 15.6 | 9.7   |
| Sepsis.....                                | 21              | 38.1                | 21.9 | ----- | 42.9    | 28.4 | ----- | 47.6     | 31.9 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 19              | 5.3                 | 2.8  | ----- | 10.5    | 5.7  | ----- | 10.5     | 8.3  | ----- |
| Carotid Endarterectomy.....                | 24              | 0.0                 | 1.1  | ----- | 4.2     | 2.2  | ----- | 4.2      | 3.3  | ----- |
| Hip Replacement/Reconstruction.....        | 28              | 0.0                 | 3.5  | ----- | 10.7    | 6.7  | ----- | 10.7     | 9.0  | ----- |
| Open Reduction of Hip Fracture.....        | 27              | 7.4                 | 5.6  | ----- | 14.8    | 10.8 | ----- | 14.8     | 15.0 | ----- |
| Prostatectomy.....                         | 94              | 0.0                 | 0.8  | 1.4   | 0.0     | 1.9  | 2.7   | 2.1      | 3.2  | 2.7   |
| Cholecystectomy.....                       | 40              | 0.0                 | 2.1  | ----- | 0.0     | 3.6  | ----- | 0.0      | 4.6  | ----- |
| Hysterectomy.....                          | 60              | 1.7                 | 0.2  | 1.5   | 1.7     | 0.4  | 1.4   | 1.7      | 0.7  | 1.4   |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# MERCY MEDICAL CENTER REDDING

Medicare Provider Number: 050280

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 72.9 years |
| Proportion female.....        | 54.9 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 48.4 % |
| Transferred from skilled nursing facility..... | 0.5 %  |
| Admitted for elective procedure.....           | 39.6 % |
| Admitted for emergency.....                    | 49.6 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 11.4 % |
| Chronic cardiovascular disease..... | 33.8 % |
| Chronic liver disease.....          | 1.6 %  |
| Chronic renal disease.....          | 3.7 %  |
| Chronic pulmonary disease.....      | 21.7 % |
| Cerebrovascular degeneration.....   | 3.4 %  |
| Diabetes mellitus.....              | 7.1 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 82.5%  |
| State .....         | 15.9%  |
| Outside State ..... | 1.6%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 6.7 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |        |
|----------------------------|--------|
| Total Beds .....           | 197    |
| Occupancy Rate .....       | 64.0 % |
| Ownership/Control.....     | Church |
| Medicare Discharges .....  | 34.3 % |
| Case Mix Index (CMI) ..... | 1.4014 |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 189    |
| Percent of Physicians Board<br>Certified Specialists ..... | 67.2 % |
| Medical Residents/Interns .....                            | 11     |
| Registered Nurses.....                                     | 370    |
| Licensed Practical Nurses .....                            | 73     |

### SPECIALTY SERVICES:

|                                      |     |
|--------------------------------------|-----|
| Burn Unit .....                      | No  |
| Cardiac Intensive Care .....         | Yes |
| Comprehensive Geriatric .....        | No  |
| Hospice Care .....                   | Yes |
| Medical/Surgical Intensive Care..... | Yes |
| Organ/Tissue Transplant .....        | No  |
| Other Intensive Care .....           | Yes |
| Trauma Center .....                  | Yes |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |    |
|---------------------------|----|
| Alcohol/Drug .....        | No |
| Rehabilitation.....       | No |
| Psychiatric .....         | No |
| Medicare Swing Beds ..... | No |

\*\* Except for CMI

\* Not used in calculating mortality rates

# MERCY SAN JUAN HOSPITAL

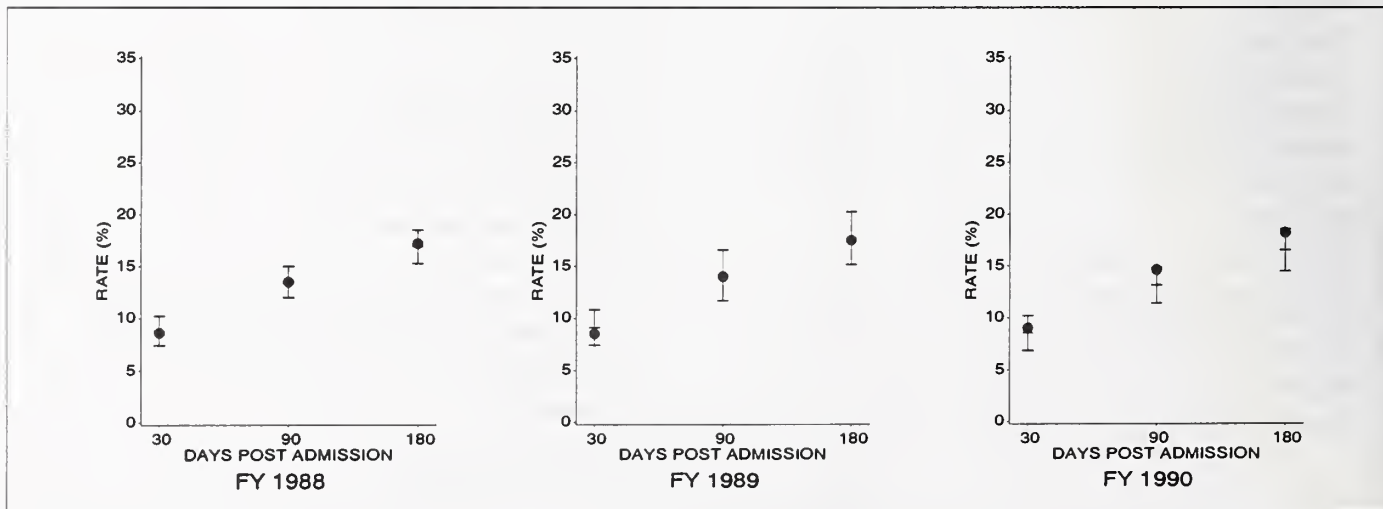
6501 COYLE AVE  
CARMICHAEL, CA 95608  
Medicare Provider Number: 050516

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 2458               | 9.0                 | 8.5  | 0.8   | 14.6    | 13.1 | 0.9   | 18.2     | 16.5 | 1.0   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 66                 | 22.7                | 24.1 | 5.4   | 27.3    | 27.1 | 5.6   | 31.8     | 29.6 | 6.7   |
| Congestive Heart Failure.....              | 81                 | 9.9                 | 14.3 | 6.3   | 18.5    | 23.0 | 8.2   | 24.7     | 28.9 | 9.1   |
| Pneumonia/Influenza.....                   | 81                 | 13.6                | 14.4 | 4.0   | 21.0    | 19.6 | 5.0   | 29.6     | 23.1 | 6.4   |
| Chronic Obstructive Pulmonary Disease..... | 39                 | 10.3                | 10.1 | ----- | 20.5    | 17.4 | ----- | 35.9     | 22.3 | ----- |
| Transient Cerebral Ischemia.....           | 34                 | 2.9                 | 2.1  | ----- | 5.9     | 4.7  | ----- | 14.7     | 7.4  | ----- |
| Stroke.....                                | 106                | 18.9                | 21.5 | 4.2   | 31.1    | 27.9 | 4.7   | 34.9     | 31.8 | 4.8   |
| Hip Fracture.....                          | 59                 | 1.7                 | 5.4  | 3.3   | 6.8     | 9.6  | 4.0   | 10.2     | 12.7 | 5.4   |
| Sepsis.....                                | 25                 | 48.0                | 18.6 | ----- | 56.0    | 25.7 | ----- | 60.0     | 30.1 | ----- |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 13                 | 7.7                 | 2.5  | ----- | 7.7     | 5.4  | ----- | 7.7      | 8.4  | ----- |
| Carotid Endarterectomy.....                | 54                 | 0.0                 | 1.5  | 2.1   | 0.0     | 2.8  | 3.4   | 1.9      | 4.1  | 3.3   |
| Hip Replacement/Reconstruction.....        | 50                 | 2.0                 | 2.3  | ----- | 2.0     | 4.2  | ----- | 4.0      | 5.6  | ----- |
| Open Reduction of Hip Fracture.....        | 27                 | 0.0                 | 5.0  | ----- | 11.1    | 9.1  | ----- | 11.1     | 12.4 | ----- |
| Prostatectomy.....                         | 90                 | 2.2                 | 0.7  | 1.5   | 2.2     | 1.7  | 1.5   | 2.2      | 3.0  | 2.2   |
| Cholecystectomy.....                       | 55                 | 0.0                 | 2.5  | 3.4   | 1.8     | 4.4  | 4.2   | 1.8      | 5.7  | 6.1   |
| Hysterectomy.....                          | 42                 | 0.0                 | 1.0  | ----- | 0.0     | 2.3  | ----- | 4.8      | 3.8  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# MERCY SAN JUAN HOSPITAL

Medicare Provider Number: 050516

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 73.7 years |
| Proportion female.....        | 57.6 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 48.9 % |
| Transferred from skilled nursing facility..... | 2.1 %  |
| Admitted for elective procedure.....           | 25.4 % |
| Admitted for emergency.....                    | 6.5 %  |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 9.8 %  |
| Chronic cardiovascular disease..... | 34.5 % |
| Chronic liver disease.....          | 1.2 %  |
| Chronic renal disease.....          | 4.1 %  |
| Chronic pulmonary disease.....      | 15.2 % |
| Cerebrovascular degeneration.....   | 2.3 %  |
| Diabetes mellitus.....              | 6.0 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 83.1%  |
| State .....         | 14.6%  |
| Outside State ..... | 2.3%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 6.6 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |        |
|----------------------------|--------|
| Total Beds .....           | 171    |
| Occupancy Rate .....       | 82.0 % |
| Ownership/Control.....     | Church |
| Medicare Discharges .....  | 54.7 % |
| Case Mix Index (CMI) ..... | 1.3111 |

### STAFFING:

|                                                           |        |
|-----------------------------------------------------------|--------|
| Total Number of Physicians.....                           | 224    |
| Percent of Physicians Board<br>Certified Specialists..... | 46.0 % |
| Medical Residents/Interns .....                           | 0      |
| Registered Nurses.....                                    | 250    |
| Licensed Practical Nurses .....                           | 10     |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | Yes |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | Yes |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |    |
|---------------------------|----|
| Alcohol/Drug .....        | No |
| Rehabilitation.....       | No |
| Psychiatric .....         | No |
| Medicare Swing Beds ..... | No |

\*\* Except for CMI

\* Not used in calculating mortality rates

# MERRITHEW MEMORIAL HOSPITAL

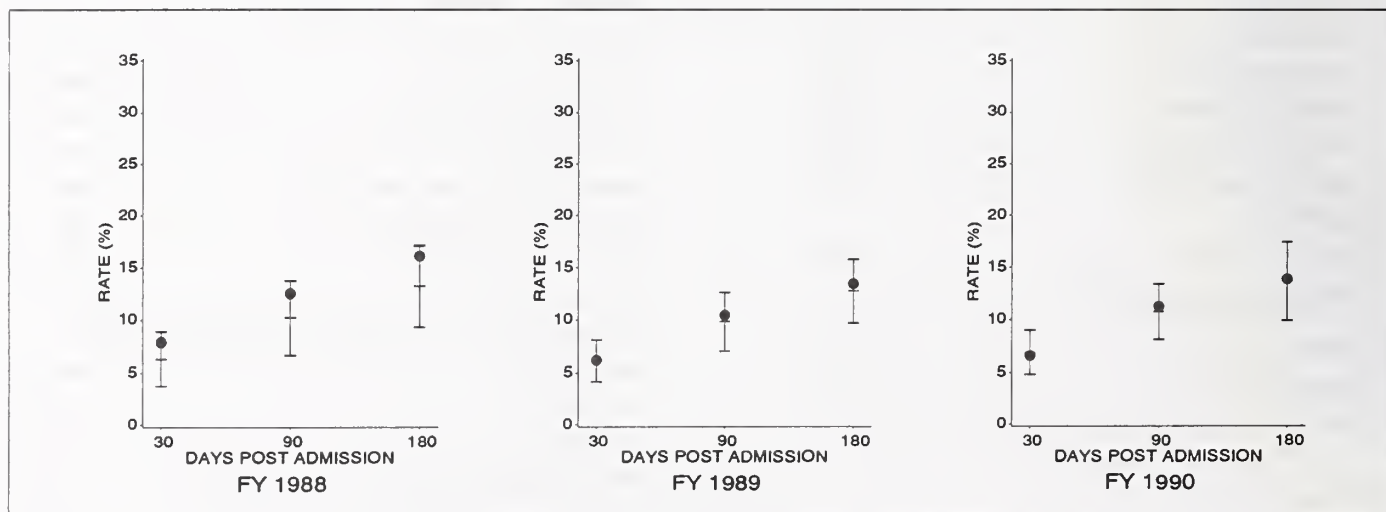
2500 ALHAMBRA AVE  
MARTINEZ, CA 94553  
Medicare Provider Number: 050276

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 625             | 6.6                 | 6.9  | 1.0   | 11.2    | 10.7 | 1.3   | 13.8     | 13.6 | 1.9   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 4               | 25.0                | 32.3 | ----- | 25.0    | 36.4 | ----- | 25.0     | 39.4 | ----- |
| Congestive Heart Failure.....              | 36              | 11.1                | 14.1 | ----- | 22.2    | 22.4 | ----- | 25.0     | 28.1 | ----- |
| Pneumonia/Influenza.....                   | 15              | 6.7                 | 7.1  | ----- | 6.7     | 10.7 | ----- | 6.7      | 13.7 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 14              | 14.3                | 7.4  | ----- | 21.4    | 12.9 | ----- | 21.4     | 17.4 | ----- |
| Transient Cerebral Ischemia.....           | 5               | 0.0                 | 1.4  | ----- | 20.0    | 3.4  | ----- | 20.0     | 5.7  | ----- |
| Stroke.....                                | 10              | 20.0                | 28.0 | ----- | 40.0    | 33.7 | ----- | 60.0     | 36.9 | ----- |
| Hip Fracture.....                          | 3               | 0.0                 | 4.1  | ----- | 33.3    | 7.8  | ----- | 33.3     | 10.2 | ----- |
| Sepsis.....                                | 0               |                     |      |       |         |      |       |          |      |       |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 1               | 0.0                 | 2.2  | ----- | 0.0     | 4.4  | ----- | 0.0      | 6.2  | ----- |
| Hip Replacement/Reconstruction.....        | 5               | 0.0                 | 2.0  | ----- | 0.0     | 3.9  | ----- | 0.0      | 5.2  | ----- |
| Open Reduction of Hip Fracture.....        | 0               |                     |      |       |         |      |       |          |      |       |
| Prostatectomy.....                         | 5               | 0.0                 | 0.3  | ----- | 0.0     | 0.7  | ----- | 0.0      | 1.2  | ----- |
| Cholecystectomy.....                       | 9               | 0.0                 | 3.5  | ----- | 0.0     | 6.3  | ----- | 0.0      | 8.4  | ----- |
| Hysterectomy.....                          | 1               | 0.0                 | 0.2  | ----- | 0.0     | 0.4  | ----- | 0.0      | 0.7  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# MERRITHEW MEMORIAL HOSPITAL

Medicare Provider Number: 050276

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 63.8 years |
| Proportion female.....        | 57.3 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 2.7 %  |
| Transferred from skilled nursing facility..... | 4.3 %  |
| Admitted for elective procedure.....           | 11.2 % |
| Admitted for emergency.....                    | 1.1 %  |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 5.3 %  |
| Chronic cardiovascular disease..... | 21.9 % |
| Chronic liver disease.....          | 3.2 %  |
| Chronic renal disease.....          | 2.4 %  |
| Chronic pulmonary disease.....      | 12.3 % |
| Cerebrovascular degeneration.....   | 9.0 %  |
| Diabetes mellitus.....              | 6.9 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 89.9%  |
| State .....         | 8.8%   |
| Outside State ..... | 1.3%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |           |
|----------------|-----------|
| Hospital ..... | 11.4 Days |
| State .....    | 7.1 Days  |
| National ..... | 8.6 Days  |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                  |
|----------------------------|------------------|
| Total Beds .....           | 143              |
| Occupancy Rate .....       | 97.0 %           |
| Ownership/Control.....     | Local Government |
| Medicare Discharges .....  | 15.2 %           |
| Case Mix Index (CMI) ..... | 1.1146           |

### STAFFING:

|                                                            |                 |
|------------------------------------------------------------|-----------------|
| Total Number of Physicians.....                            | (Not Available) |
| Percent of Physicians Board<br>Certified Specialists ..... | (Not Available) |
| Medical Residents/Interns .....                            | (Not Available) |
| Registered Nurses.....                                     | (Not Available) |
| Licensed Practical Nurses .....                            | (Not Available) |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | Yes |
| Hospice Care .....                    | Yes |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug.....         | No  |
| Rehabilitation.....       | Yes |
| Psychiatric.....          | Yes |
| Medicare Swing Beds ..... | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# METHODIST HOSPITAL

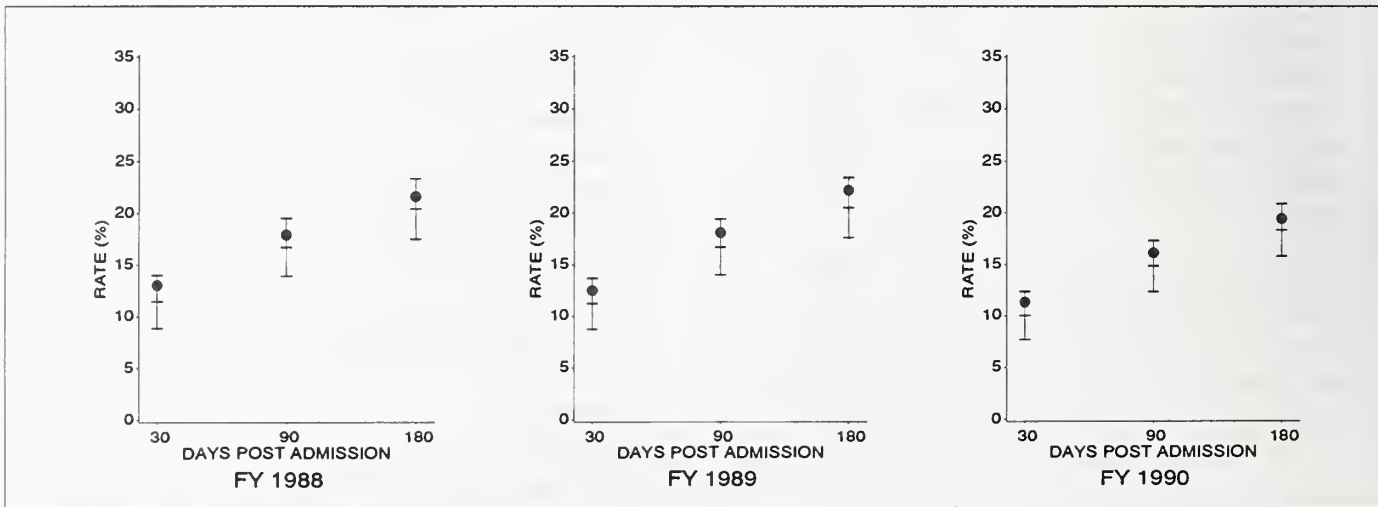
7500 TIMBERLAKE WAY  
SACRAMENTO, CA 95823  
Medicare Provider Number: 050590

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1561            | 11.3                | 10.0 | 1.2   | 16.1    | 14.8 | 1.3   | 19.4     | 18.3 | 1.3   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 50              | 26.0                | 27.2 | ----- | 28.0    | 29.6 | ----- | 30.0     | 32.0 | ----- |
| Congestive Heart Failure.....              | 105             | 15.2                | 13.5 | 3.7   | 21.9    | 21.1 | 5.8   | 25.7     | 27.0 | 7.5   |
| Pneumonia/Influenza.....                   | 83              | 20.5                | 16.1 | 6.2   | 26.5    | 22.1 | 6.1   | 31.3     | 25.8 | 6.8   |
| Chronic Obstructive Pulmonary Disease..... | 7               | 0.0                 | 6.1  | ----- | 0.0     | 10.1 | ----- | 0.0      | 13.1 | ----- |
| Transient Cerebral Ischemia.....           | 33              | 6.1                 | 2.0  | ----- | 6.1     | 4.4  | ----- | 9.1      | 7.2  | ----- |
| Stroke.....                                | 68              | 22.1                | 20.8 | 5.9   | 29.4    | 27.1 | 5.7   | 30.9     | 30.7 | 6.4   |
| Hip Fracture.....                          | 55              | 5.5                 | 7.6  | 6.0   | 10.9    | 13.5 | 6.5   | 18.2     | 17.8 | 6.6   |
| Sepsis.....                                | 22              | 27.3                | 23.8 | ----- | 36.4    | 32.3 | ----- | 36.4     | 37.5 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 7               | 0.0                 | 3.0  | ----- | 0.0     | 6.0  | ----- | 0.0      | 8.9  | ----- |
| Carotid Endarterectomy.....                | 5               | 0.0                 | 1.2  | ----- | 0.0     | 2.0  | ----- | 0.0      | 2.8  | ----- |
| Hip Replacement/Reconstruction.....        | 41              | 2.4                 | 5.0  | ----- | 12.2    | 9.2  | ----- | 14.6     | 12.3 | ----- |
| Open Reduction of Hip Fracture.....        | 31              | 9.7                 | 7.2  | ----- | 12.9    | 13.3 | ----- | 22.6     | 17.7 | ----- |
| Prostatectomy.....                         | 66              | 0.0                 | 1.0  | 1.9   | 4.5     | 2.3  | 2.6   | 4.5      | 3.8  | 2.6   |
| Cholecystectomy.....                       | 40              | 2.5                 | 2.0  | ----- | 5.0     | 3.6  | ----- | 7.5      | 4.9  | ----- |
| Hysterectomy.....                          | 10              | 0.0                 | 0.8  | ----- | 0.0     | 1.8  | ----- | 0.0      | 2.8  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# METHODIST HOSPITAL

Medicare Provider Number: 050590

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 74.6 years  
Proportion female..... 60.3 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 32.2 %  
Transferred from skilled nursing facility..... 5.4 %  
Admitted for elective procedure..... 14.7 %  
Admitted for emergency..... 42.2 %

### COMORBIDITIES:

Cancer..... 5.7 %  
Chronic cardiovascular disease..... 35.9 %  
Chronic liver disease..... 1.3 %  
Chronic renal disease..... 3.3 %  
Chronic pulmonary disease..... 21.0 %  
Cerebrovascular degeneration..... 6.0 %  
Diabetes mellitus..... 7.9 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 89.5%  
State ..... 8.4%  
Outside State ..... 2.1%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 6.9 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 315  
Occupancy Rate ..... 65.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 37.5 %  
Case Mix Index (CMI) ..... 1.2671

### STAFFING:

Total Number of Physicians..... 140  
Percent of Physicians Board  
Certified Specialists..... 73.6 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 180  
Licensed Practical Nurses ..... 35

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... Yes  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... Yes  
Psychiatric ..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

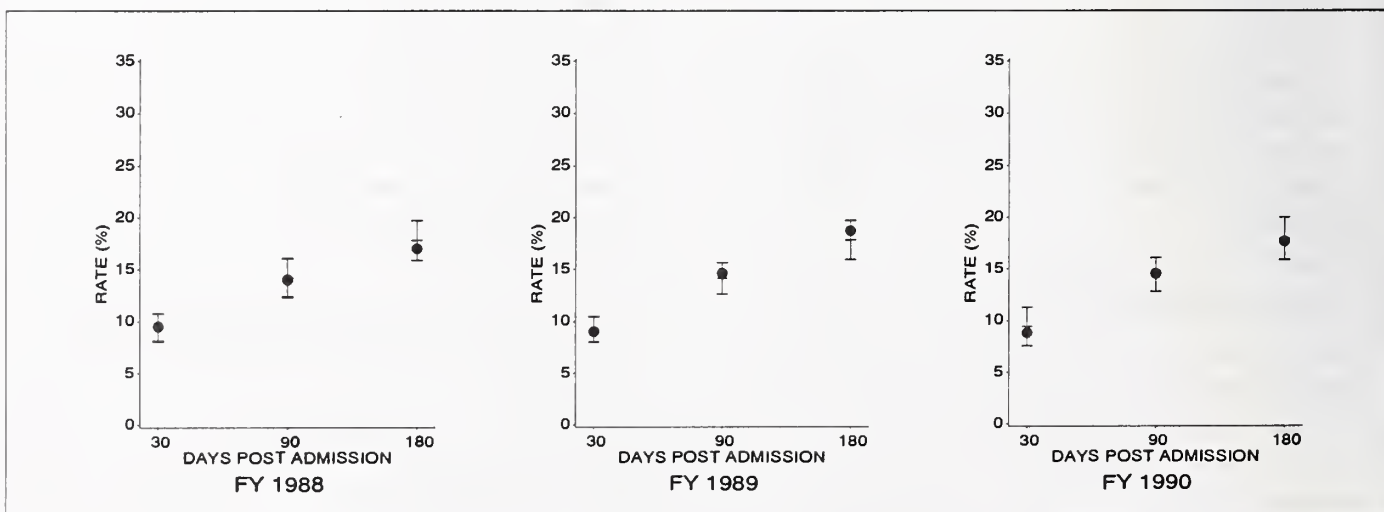
**MILLS HOSPITAL**  
100 S SAN MATEO DRIVE  
SAN MATEO, CA 94401  
Medicare Provider Number: 050302

**FY 1990 MEDICARE HOSPITAL MORTALITY RATES**

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 1859            | 8.8                 | 9.4  | 0.9  | 14.5    | 14.4 | 0.8  | 17.6     | 17.9 | 1.0  |
| <b>CONDITIONS:</b>                         |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 54              | 24.1                | 28.4 | 9.0  | 29.6    | 32.4 | 10.0 | 33.3     | 35.3 | 8.7  |
| Congestive Heart Failure.....              | 86              | 12.8                | 15.7 | 4.7  | 24.4    | 24.1 | 5.0  | 32.6     | 30.2 | 6.7  |
| Pneumonia/Influenza.....                   | 82              | 15.9                | 14.1 | 5.5  | 22.0    | 19.8 | 4.8  | 22.0     | 23.6 | 5.0  |
| Chronic Obstructive Pulmonary Disease..... | 14              | 7.1                 | 6.4  | ---- | 7.1     | 10.9 | ---- | 14.3     | 14.8 | ---- |
| Transient Cerebral Ischemia.....           | 28              | 0.0                 | 1.9  | ---- | 3.6     | 4.4  | ---- | 3.6      | 7.1  | ---- |
| Stroke.....                                | 101             | 19.8                | 20.4 | 4.5  | 32.7    | 27.6 | 5.0  | 37.6     | 31.6 | 5.3  |
| Hip Fracture.....                          | 68              | 7.4                 | 6.3  | 3.6  | 14.7    | 11.8 | 5.0  | 17.6     | 15.5 | 7.1  |
| Sepsis.....                                | 33              | 24.2                | 20.3 | ---- | 33.3    | 28.0 | ---- | 42.4     | 32.7 | ---- |
| <b>PROCEDURES:</b>                         |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 14              | 14.3                | 3.4  | ---- | 21.4    | 6.1  | ---- | 21.4     | 8.1  | ---- |
| Carotid Endarterectomy.....                | 11              | 0.0                 | 1.4  | ---- | 0.0     | 2.6  | ---- | 0.0      | 3.9  | ---- |
| Hip Replacement/Reconstruction.....        | 62              | 4.8                 | 3.4  | 3.5  | 9.7     | 6.5  | 5.9  | 11.3     | 8.8  | 8.0  |
| Open Reduction of Hip Fracture.....        | 43              | 4.7                 | 5.1  | ---- | 11.6    | 9.8  | ---- | 16.3     | 13.2 | ---- |
| Prostatectomy.....                         | 89              | 1.1                 | 0.6  | 0.9  | 2.2     | 1.4  | 1.6  | 2.2      | 2.4  | 2.7  |
| Cholecystectomy.....                       | 42              | 2.4                 | 2.9  | ---- | 4.8     | 5.7  | ---- | 7.1      | 7.7  | ---- |
| Hysterectomy.....                          | 20              | 0.0                 | 1.2  | ---- | 10.0    | 3.0  | ---- | 10.0     | 4.9  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

**OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD)  
FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES**





# MILLS HOSPITAL

Medicare Provider Number: 050302

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 76.8 years |
| Proportion female.....        | 58.4 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 46.2 % |
| Transferred from skilled nursing facility..... | 1.8 %  |
| Admitted for elective procedure.....           | 24.5 % |
| Admitted for emergency.....                    | 20.8 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 9.7 %  |
| Chronic cardiovascular disease..... | 25.8 % |
| Chronic liver disease.....          | 1.0 %  |
| Chronic renal disease.....          | 4.0 %  |
| Chronic pulmonary disease.....      | 9.7 %  |
| Cerebrovascular degeneration.....   | 4.7 %  |
| Diabetes mellitus.....              | 5.1 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City.....    | 89.9%  |
| State.....          | 8.5%   |
| Outside State ..... | 1.6%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 7.0 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 534                 |
| Occupancy Rate .....       | 61.0 %              |
| Ownership/Control.....     | Private, Non-Profit |
| Medicare Discharges .....  | 33.0 %              |
| Case Mix Index (CMI) ..... | 1.2814              |

### STAFFING:

|                                                           |        |
|-----------------------------------------------------------|--------|
| Total Number of Physicians.....                           | 696    |
| Percent of Physicians Board<br>Certified Specialists..... | 74.0 % |
| Medical Residents/Interns .....                           | 0      |
| Registered Nurses.....                                    | 409    |
| Licensed Practical Nurses .....                           | 44     |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | Yes |
| Comprehensive Geriatric .....         | Yes |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | Yes |
| Rehabilitation.....       | Yes |
| Psychiatric .....         | Yes |
| Medicare Swing Beds ..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# MISSION OAKS HOSPITAL

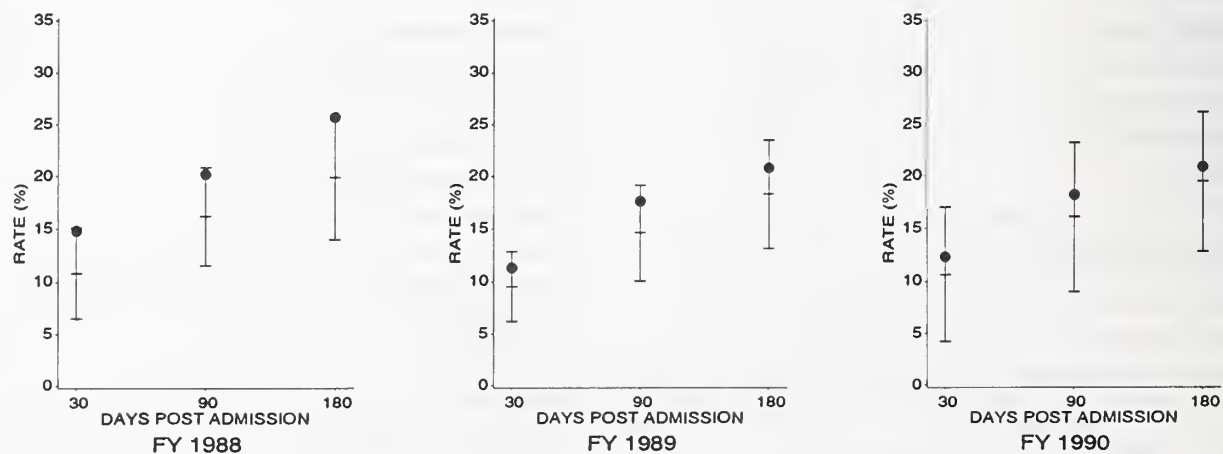
300 DE SOTO DR  
LOS GATOS, CA 95030  
Medicare Provider Number: 050319

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 220             | 12.3                | 10.6 | 3.2  | 18.2    | 16.1 | 3.6  | 20.9     | 19.5 | 3.4  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 2               | 0.0                 | 18.0 | ---- | 0.0     | 21.7 | ---- | 0.0      | 24.2 | ---- |
| Congestive Heart Failure.....              | 11              | 9.1                 | 18.5 | ---- | 27.3    | 28.9 | ---- | 27.3     | 35.2 | ---- |
| Pneumonia/Influenza.....                   | 12              | 33.3                | 16.5 | ---- | 33.3    | 22.5 | ---- | 33.3     | 25.9 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 10              | 20.0                | 8.7  | ---- | 30.0    | 15.8 | ---- | 30.0     | 20.3 | ---- |
| Transient Cerebral Ischemia.....           | 3               | 0.0                 | 1.3  | ---- | 0.0     | 3.0  | ---- | 0.0      | 4.6  | ---- |
| Stroke.....                                | 10              | 30.0                | 20.8 | ---- | 30.0    | 29.2 | ---- | 30.0     | 33.0 | ---- |
| Hip Fracture.....                          | 2               | 0.0                 | 8.8  | ---- | 0.0     | 15.8 | ---- | 0.0      | 19.8 | ---- |
| Sepsis.....                                | 3               | 33.3                | 16.4 | ---- | 33.3    | 22.7 | ---- | 33.3     | 26.1 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 1               | 0.0                 | 10.8 | ---- | 0.0     | 21.9 | ---- | 0.0      | 29.0 | ---- |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 4               | 0.0                 | 1.3  | ---- | 0.0     | 2.1  | ---- | 0.0      | 2.6  | ---- |
| Open Reduction of Hip Fracture.....        | 1               | 0.0                 | 3.9  | ---- | 0.0     | 7.5  | ---- | 0.0      | 10.1 | ---- |
| Prostatectomy.....                         | 4               | 25.0                | 2.1  | ---- | 25.0    | 4.3  | ---- | 25.0     | 6.6  | ---- |
| Cholecystectomy.....                       | 1               | 0.0                 | 4.4  | ---- | 0.0     | 8.5  | ---- | 0.0      | 11.9 | ---- |
| Hysterectomy.....                          | 4               | 0.0                 | 0.2  | ---- | 0.0     | 0.4  | ---- | 0.0      | 0.7  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# MISSION OAKS HOSPITAL

Medicare Provider Number: 050319

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 75.8 years  
Proportion female..... 61.4 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 51.4 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 6.8 %  
Admitted for emergency..... 45.5 %

### COMORBIDITIES:

Cancer..... 5.5 %  
Chronic cardiovascular disease..... 43.2 %  
Chronic liver disease..... 0.9 %  
Chronic renal disease..... 2.7 %  
Chronic pulmonary disease..... 22.7 %  
Cerebrovascular degeneration..... 3.6 %  
Diabetes mellitus..... 6.8 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 91.6%  
State ..... 5.2%  
Outside State ..... 3.2%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 7.0 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1987

### PROFILE:

Total Beds ..... 99  
Ownership/Control..... Private, For Profit  
Case Mix Index (CMI) ..... 1.3291

### STAFFING:

Medical Residents/Interns ..... 0  
Registered Nurses..... 55  
Licensed Practical Nurses ..... 6

### SPECIALTY SERVICES:

Burn Unit ..... No  
Coronary Care Unit ..... Yes  
Hospice Care ..... No  
Intensive Care Unit ..... Yes  
Organ Transplant ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# MODESTO CITY HOSPITAL

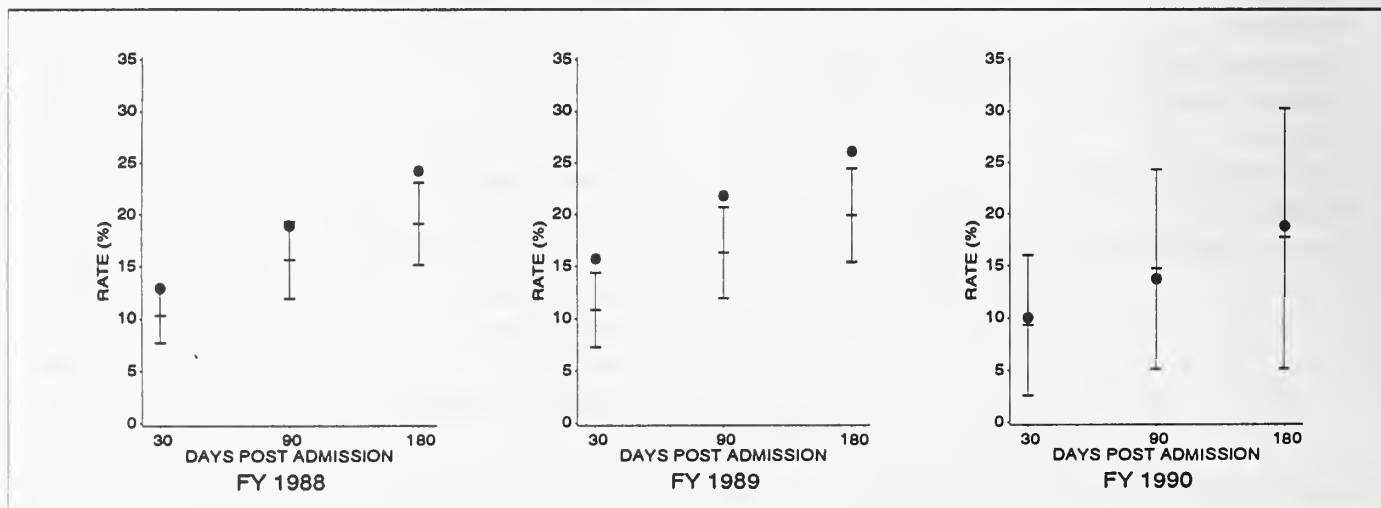
730 17TH ST  
MODESTO, CA 95354  
Medicare Provider Number: 050221

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 80              | 10.0                | 9.3  | 3.4  | 13.7    | 14.7 | 4.8  | 18.8     | 17.7 | 6.3  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 2               | 50.0                | 34.8 | ---- | 100.0   | 42.3 | ---- | 100.0    | 45.4 | ---- |
| Congestive Heart Failure.....              | 2               | 0.0                 | 13.6 | ---- | 0.0     | 22.1 | ---- | 50.0     | 26.2 | ---- |
| Pneumonia/Influenza.....                   | 5               | 60.0                | 20.9 | ---- | 60.0    | 30.1 | ---- | 60.0     | 34.3 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 1               | 0.0                 | 8.9  | ---- | 0.0     | 15.9 | ---- | 0.0      | 20.0 | ---- |
| Transient Cerebral Ischemia.....           | 0               |                     |      |      |         |      |      |          |      |      |
| Stroke.....                                | 2               | 0.0                 | 27.3 | ---- | 0.0     | 35.8 | ---- | 0.0      | 39.1 | ---- |
| Hip Fracture.....                          | 6               | 0.0                 | 7.1  | ---- | 16.7    | 12.6 | ---- | 33.3     | 15.5 | ---- |
| Sepsis.....                                | 3               | 0.0                 | 42.7 | ---- | 33.3    | 67.9 | ---- | 33.3     | 77.5 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 3               | 0.0                 | 4.1  | ---- | 0.0     | 8.2  | ---- | 0.0      | 11.0 | ---- |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 4               | 0.0                 | 5.0  | ---- | 0.0     | 9.1  | ---- | 25.0     | 11.3 | ---- |
| Open Reduction of Hip Fracture.....        | 1               | 0.0                 | 4.5  | ---- | 0.0     | 9.1  | ---- | 0.0      | 12.3 | ---- |
| Prostatectomy.....                         | 3               | 0.0                 | 3.7  | ---- | 0.0     | 9.0  | ---- | 0.0      | 14.0 | ---- |
| Cholecystectomy.....                       | 1               | 0.0                 | 19.1 | ---- | 0.0     | 29.9 | ---- | 0.0      | 33.4 | ---- |
| Hysterectomy.....                          | 0               |                     |      |      |         |      |      |          |      |      |

\* The Standard Deviation (SD) Is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# MODESTO CITY HOSPITAL

Medicare Provider Number: 050221

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 71.1 years  
Proportion female..... 55.0 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 48.8 %  
Transferred from skilled nursing facility..... 3.8 %  
Admitted for elective procedure..... 31.3 %  
Admitted for emergency..... 6.3 %

### COMORBIDITIES:

Cancer..... 7.5 %  
Chronic cardiovascular disease..... 36.3 %  
Chronic liver disease..... 1.3 %  
Chronic renal disease..... 0.0 %  
Chronic pulmonary disease..... 25.0 %  
Cerebrovascular degeneration..... 1.3 %  
Diabetes mellitus..... 5.0 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 85.5%  
State..... 13.6%  
Outside State..... 0.9%  
Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 10.0 Days  
State..... 7.1 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1986

### PROFILE:

Total Beds..... 121  
Ownership/Control..... Private, Non-Profit  
Case Mix Index (CMI)..... 1.4600

### STAFFING:

Medical Residents/Interns..... 0  
Registered Nurses..... 122  
Licensed Practical Nurses..... 50

### SPECIALTY SERVICES:

Burn Unit..... No  
Coronary Care Unit..... Yes  
Hospice Care..... No  
Intensive Care Unit..... Yes  
Organ Transplant..... No  
Trauma Center..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... Yes  
Rehabilitation..... No  
Psychiatric..... No  
Medicare Swing Beds..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# **MODOC MEDICAL CENTER**

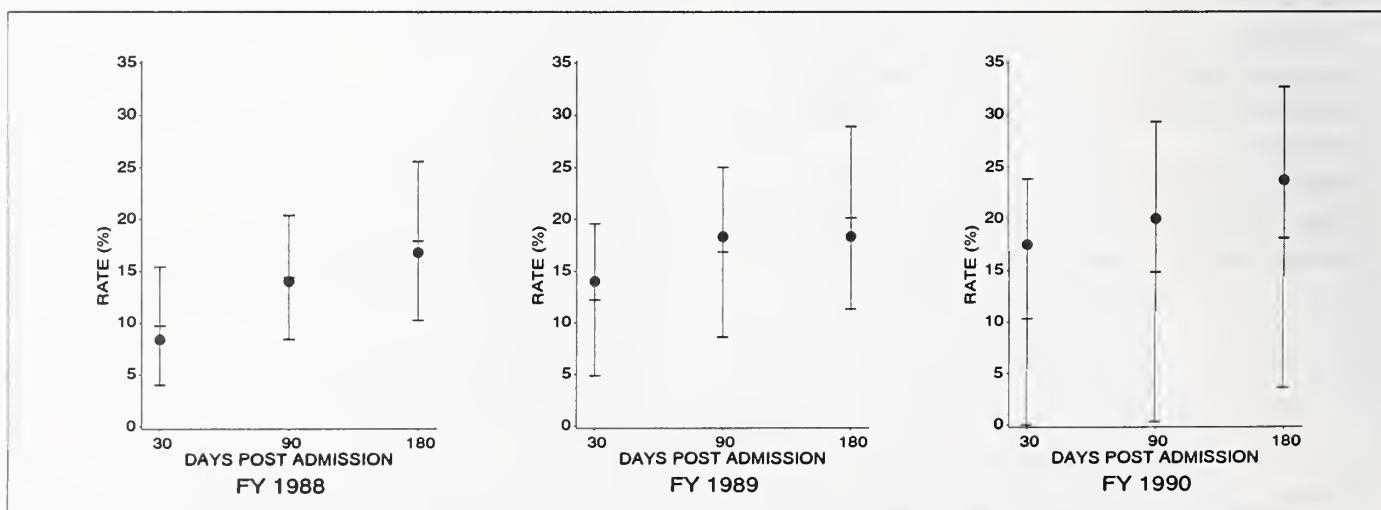
228 MCDOWELL ST  
ALTURAS, CA 96101  
Medicare Provider Number: 050430

## **FY 1990 MEDICARE HOSPITAL MORTALITY RATES**

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 80                 | 17.5                | 10.3 | 6.8  | 20.0    | 14.8 | 7.3  | 23.7     | 18.1 | 7.3  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 1                  | 0.0                 | 25.7 | ---- | 0.0     | 29.8 | ---- | 0.0      | 32.1 | ---- |
| Congestive Heart Failure.....              | 7                  | 28.6                | 14.4 | ---- | 28.6    | 22.5 | ---- | 28.6     | 28.1 | ---- |
| Pneumonia/Influenza.....                   | 10                 | 10.0                | 10.3 | ---- | 10.0    | 13.9 | ---- | 30.0     | 16.4 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 3                  | 0.0                 | 8.3  | ---- | 0.0     | 12.7 | ---- | 0.0      | 16.9 | ---- |
| Transient Cerebral Ischemia.....           | 1                  | 0.0                 | 0.8  | ---- | 0.0     | 1.8  | ---- | 0.0      | 2.8  | ---- |
| Stroke.....                                | 2                  | 50.0                | 23.8 | ---- | 50.0    | 28.4 | ---- | 50.0     | 31.8 | ---- |
| Hip Fracture.....                          | 0                  |                     |      |      |         |      |      |          |      |      |
| Sepsis.....                                | 0                  |                     |      |      |         |      |      |          |      |      |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0                  |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 0                  |                     |      |      |         |      |      |          |      |      |
| Open Reduction of Hip Fracture.....        | 0                  |                     |      |      |         |      |      |          |      |      |
| Prostatectomy.....                         | 0                  |                     |      |      |         |      |      |          |      |      |
| Cholecystectomy.....                       | 0                  |                     |      |      |         |      |      |          |      |      |
| Hysterectomy.....                          | 0                  |                     |      |      |         |      |      |          |      |      |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## **OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES**



# MODOC MEDICAL CENTER

Medicare Provider Number: 050430

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 72.6 years |
| Proportion female.....        | 48.8 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 42.5 % |
| Transferred from skilled nursing facility..... | 0.0 %  |
| Admitted for elective procedure.....           | 0.0 %  |
| Admitted for emergency.....                    | 58.8 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 6.3 %  |
| Chronic cardiovascular disease..... | 26.3 % |
| Chronic liver disease.....          | 0.0 %  |
| Chronic renal disease.....          | 6.3 %  |
| Chronic pulmonary disease.....      | 22.5 % |
| Cerebrovascular degeneration.....   | 2.5 %  |
| Diabetes mellitus.....              | 2.5 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City.....    | 83.3%  |
| State .....         | 13.1%  |
| Outside State ..... | 3.6%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 4.0 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                  |
|----------------------------|------------------|
| Total Beds .....           | 28               |
| Occupancy Rate .....       | 14.3 %           |
| Ownership/Control.....     | Local Government |
| Medicare Discharges .....  | 45.9 %           |
| Case Mix Index (CMI) ..... | 0.9401           |

### STAFFING:

|                                                            |         |
|------------------------------------------------------------|---------|
| Total Number of Physicians.....                            | 8       |
| Percent of Physicians Board<br>Certified Specialists ..... | 100.0 % |
| Medical Residents/Interns .....                            | 0       |
| Registered Nurses.....                                     | 7       |
| Licensed Practical Nurses .....                            | 6       |

### SPECIALTY SERVICES:

|                                       |    |
|---------------------------------------|----|
| Burn Unit .....                       | No |
| Cardiac Intensive Care .....          | No |
| Comprehensive Geriatric .....         | No |
| Hospice Care .....                    | No |
| Medical/Surgical Intensive Care ..... | No |
| Organ/Tissue Transplant .....         | No |
| Other Intensive Care .....            | No |
| Trauma Center .....                   | No |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | No  |
| Psychiatric .....         | No  |
| Medicare Swing Beds ..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# MONO GENERAL HOSPITAL

P O BOX 536 TWIN LAKE RD  
BRIDGEPORT, CA 93517  
Medicare Provider Number: 050450

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 10                 | 10.0                | 12.2 | ---- | 10.0    | 18.0 | ---- | 10.0     | 21.2 | ---- |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Congestive Heart Failure.....              | 1                  | 0.0                 | 8.6  | ---- | 0.0     | 13.3 | ---- | 0.0      | 18.5 | ---- |
| Pneumonia/Influenza.....                   | 2                  | 0.0                 | 8.3  | ---- | 0.0     | 10.6 | ---- | 0.0      | 12.8 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 0                  |                     |      |      |         |      |      |          |      |      |
| Transient Cerebral Ischemia.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Stroke.....                                | 0                  |                     |      |      |         |      |      |          |      |      |
| Hip Fracture.....                          | 0                  |                     |      |      |         |      |      |          |      |      |
| Sepsis.....                                | 0                  |                     |      |      |         |      |      |          |      |      |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0                  |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 0                  |                     |      |      |         |      |      |          |      |      |
| Open Reduction of Hip Fracture.....        | 0                  |                     |      |      |         |      |      |          |      |      |
| Prostatectomy.....                         | 0                  |                     |      |      |         |      |      |          |      |      |
| Cholecystectomy.....                       | 0                  |                     |      |      |         |      |      |          |      |      |
| Hysterectomy.....                          | 0                  |                     |      |      |         |      |      |          |      |      |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES

No Graphs are presented when the standard deviation  
was not computed for one or more of the three fiscal years,  
(1988, 1989, or 1990)



# MONO GENERAL HOSPITAL

Medicare Provider Number: 050450

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 69.5 years  
Proportion female..... 30.0 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 0.0 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 0.0 %  
Admitted for emergency..... 90.0 %

### COMORBIDITIES:

Cancer..... 10.0 %  
Chronic cardiovascular disease..... 30.0 %  
Chronic liver disease..... 0.0 %  
Chronic renal disease..... 0.0 %  
Chronic pulmonary disease..... 20.0 %  
Cerebrovascular degeneration..... 0.0 %  
Diabetes mellitus..... 0.0 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 66.6%  
State ..... 26.7%  
Outside State ..... 6.7%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 2.9 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1991

### PROFILE:

Total Beds ..... 25  
Ownership/Control..... Local Government  
Case Mix index (CMI) ..... 0.8738

### STAFFING:

Medical Residents/interns ..... 5  
Registered Nurses..... 4  
Licensed Practical Nurses ..... 0

### SPECIALTY SERVICES:

Burn Unit ..... No  
Coronary Care Unit ..... No  
Hospice Care ..... No  
Intensive Care Unit ..... No  
Organ Transplant ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# MT DIABLO HOSPITAL MEDICAL CENTER

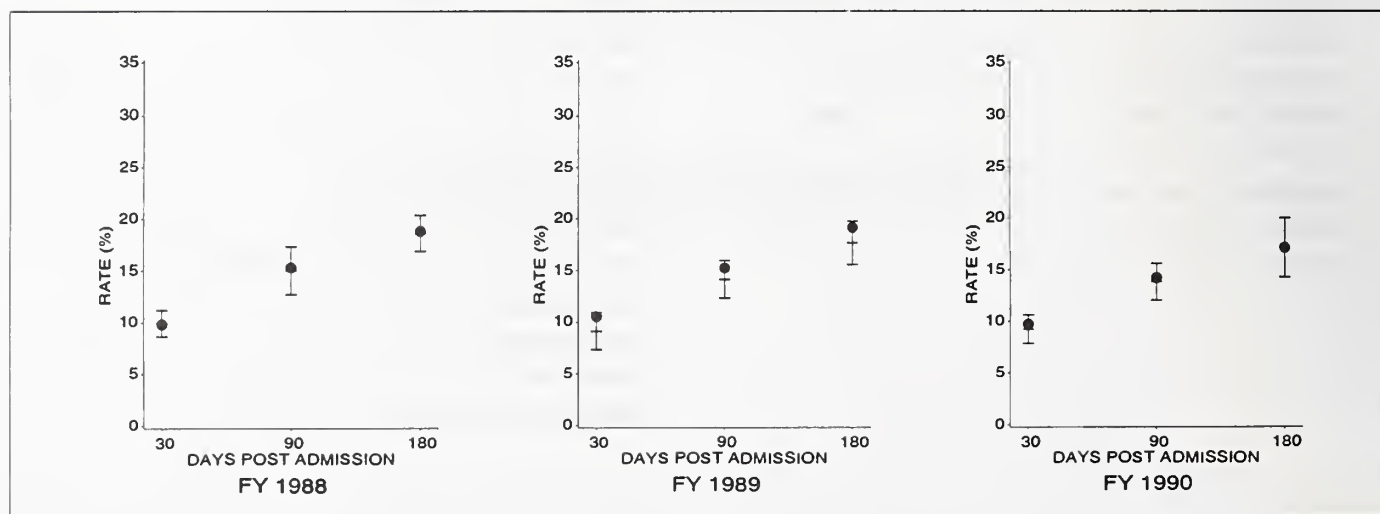
2540 EAST ST  
CONCORD, CA 94520  
Medicare Provider Number: 050496

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 2389            | 9.7                 | 9.2  | 0.7  | 14.2    | 13.8 | 0.9  | 17.1     | 17.1 | 1.4  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 102             | 24.5                | 24.1 | 4.3  | 26.5    | 27.6 | 4.6  | 27.5     | 30.4 | 5.0  |
| Congestive Heart Failure.....              | 125             | 12.0                | 14.2 | 5.9  | 19.2    | 22.3 | 5.5  | 24.0     | 28.4 | 5.7  |
| Pneumonia/Influenza.....                   | 92              | 14.1                | 14.9 | 3.7  | 23.9    | 20.9 | 4.6  | 30.4     | 24.6 | 5.8  |
| Chronic Obstructive Pulmonary Disease..... | 32              | 6.3                 | 7.2  | ---- | 12.5    | 12.2 | ---- | 15.6     | 16.6 | ---- |
| Transient Cerebral Ischemia.....           | 12              | 0.0                 | 1.4  | ---- | 0.0     | 3.3  | ---- | 0.0      | 5.5  | ---- |
| Stroke.....                                | 87              | 18.4                | 20.3 | 4.6  | 21.8    | 26.6 | 6.0  | 24.1     | 30.5 | 6.5  |
| Hip Fracture.....                          | 72              | 1.4                 | 6.6  | 4.3  | 9.7     | 11.6 | 5.7  | 13.9     | 15.0 | 4.9  |
| Sepsis.....                                | 35              | 20.0                | 21.3 | ---- | 20.0    | 28.1 | ---- | 22.9     | 32.4 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 135             | 2.2                 | 2.7  | 1.5  | 4.4     | 3.7  | 1.9  | 5.9      | 4.6  | 2.2  |
| Coronary Artery Bypass Graft.....          | 165             | 6.1                 | 6.1  | 2.8  | 7.3     | 9.0  | 2.9  | 7.3      | 10.3 | 2.9  |
| Initial Pacemaker Insertion.....           | 30              | 6.7                 | 3.1  | ---- | 10.0    | 5.9  | ---- | 10.0     | 8.4  | ---- |
| Carotid Endarterectomy.....                | 19              | 0.0                 | 1.6  | ---- | 0.0     | 3.0  | ---- | 0.0      | 4.5  | ---- |
| Hip Replacement/Reconstruction.....        | 47              | 2.1                 | 4.2  | ---- | 2.1     | 7.4  | ---- | 2.1      | 9.5  | ---- |
| Open Reduction of Hip Fracture.....        | 31              | 0.0                 | 4.7  | ---- | 3.2     | 8.9  | ---- | 9.7      | 12.1 | ---- |
| Prostatectomy.....                         | 65              | 0.0                 | 0.8  | 1.8  | 0.0     | 1.9  | 2.7  | 1.5      | 3.2  | 2.7  |
| Cholecystectomy.....                       | 47              | 6.4                 | 2.8  | ---- | 8.5     | 4.9  | ---- | 8.5      | 6.5  | ---- |
| Hysterectomy.....                          | 21              | 0.0                 | 0.5  | ---- | 0.0     | 1.2  | ---- | 4.8      | 2.1  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm$ 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# MT DIABLO HOSPITAL MEDICAL CENTER

Medicare Provider Number: 050496

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 74.0 years  
Proportion female..... 56.9 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 47.4 %  
Transferred from skilled nursing facility..... 0.8 %  
Admitted for elective procedure..... 21.6 %  
Admitted for emergency..... 27.8 %

### COMORBIDITIES:

Cancer..... 6.9 %  
Chronic cardiovascular disease..... 41.1 %  
Chronic liver disease..... 1.1 %  
Chronic renal disease..... 6.0 %  
Chronic pulmonary disease..... 12.8 %  
Cerebrovascular degeneration..... 3.9 %  
Diabetes mellitus..... 7.1 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 83.3%  
State..... 14.6%  
Outside State..... 2.1%  
Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 6.7 Days  
State..... 7.1 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds..... 270  
Occupancy Rate..... 54.0 %  
Ownership/Control..... District/Authority  
Medicare Discharges.....(Not Available)  
Case Mix Index (CMI)..... 1.6775

### STAFFING:

Total Number of Physicians..... (Not Available)  
Percent of Physicians Board  
Certified Specialists.....(Not Available)  
Medical Residents/Interns..... (Not Available)  
Registered Nurses..... (Not Available)  
Licensed Practical Nurses..... (Not Available)

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... Yes  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Trauma Center..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... Yes  
Rehabilitation..... No  
Psychiatric..... Yes  
Medicare Swing Beds..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# MT. ZION HOSPITAL & MED CTR OF THE UCSF

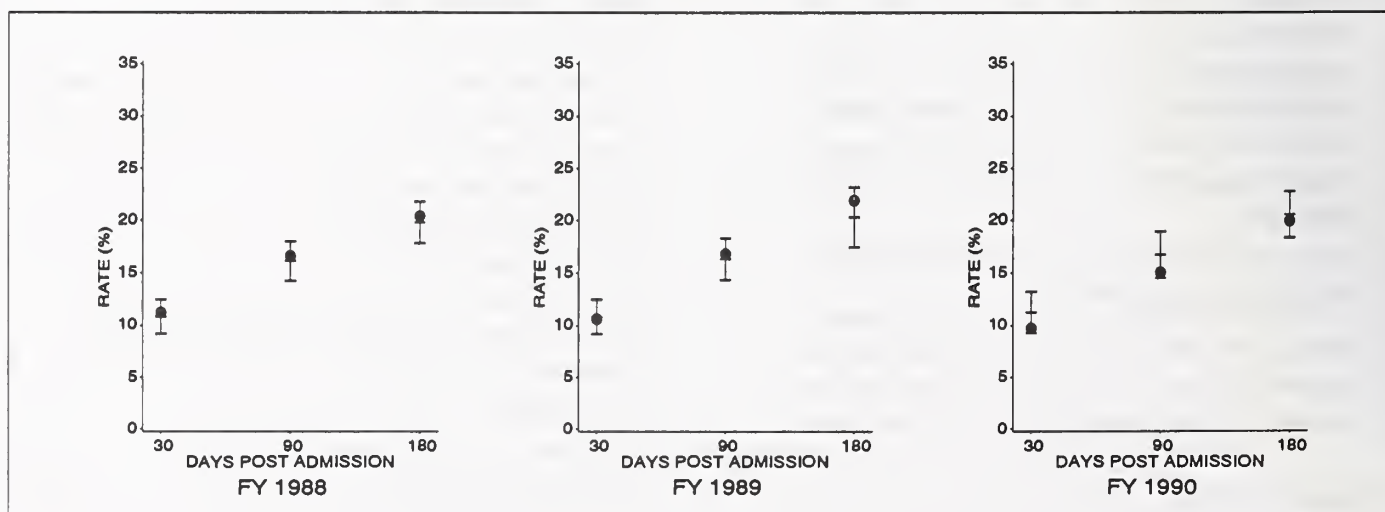
1600 DIVISADERO ST  
SAN FRANCISCO, CA 94115  
Medicare Provider Number: 050033

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1715            | 9.7                 | 11.2 | 1.0   | 15.0    | 16.7 | 1.1   | 19.9     | 20.5 | 1.1   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 76              | 22.4                | 32.1 | 7.1   | 27.6    | 36.0 | 6.7   | 30.3     | 39.2 | 6.8   |
| Congestive Heart Failure.....              | 99              | 12.1                | 15.2 | 4.8   | 19.2    | 23.9 | 7.8   | 24.2     | 30.2 | 8.1   |
| Pneumonia/Influenza.....                   | 65              | 15.4                | 15.4 | 4.5   | 21.5    | 21.2 | 5.1   | 32.3     | 25.3 | 7.9   |
| Chronic Obstructive Pulmonary Disease..... | 14              | 14.3                | 8.1  | ----- | 28.6    | 14.1 | ----- | 42.9     | 18.8 | ----- |
| Transient Cerebral Ischemia.....           | 11              | 0.0                 | 2.5  | ----- | 9.1     | 5.6  | ----- | 9.1      | 8.4  | ----- |
| Stroke.....                                | 85              | 15.3                | 21.7 | 5.1   | 25.9    | 28.4 | 5.0   | 36.5     | 32.5 | 5.5   |
| Hip Fracture.....                          | 56              | 5.4                 | 7.1  | 3.5   | 5.4     | 12.4 | 5.4   | 10.7     | 16.1 | 5.5   |
| Sepsis.....                                | 25              | 8.0                 | 26.7 | ----- | 8.0     | 35.6 | ----- | 24.0     | 40.6 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 13              | 7.7                 | 3.2  | ----- | 7.7     | 4.6  | ----- | 7.7      | 5.7  | ----- |
| Coronary Artery Bypass Graft.....          | 18              | 11.1                | 5.8  | ----- | 16.7    | 7.5  | ----- | 16.7     | 8.3  | ----- |
| Initial Pacemaker Insertion.....           | 16              | 0.0                 | 7.7  | ----- | 12.5    | 14.0 | ----- | 12.5     | 18.3 | ----- |
| Carotid Endarterectomy.....                | 10              | 0.0                 | 1.1  | ----- | 0.0     | 2.1  | ----- | 0.0      | 3.2  | ----- |
| Hip Replacement/Reconstruction.....        | 36              | 2.8                 | 3.6  | ----- | 2.8     | 6.8  | ----- | 2.8      | 9.1  | ----- |
| Open Reduction of Hip Fracture.....        | 31              | 3.2                 | 6.8  | ----- | 3.2     | 12.2 | ----- | 9.7      | 15.9 | ----- |
| Prostatectomy.....                         | 95              | 0.0                 | 0.9  | 1.2   | 0.0     | 2.1  | 2.0   | 1.1      | 3.6  | 2.4   |
| Cholecystectomy.....                       | 21              | 0.0                 | 2.0  | ----- | 0.0     | 3.6  | ----- | 0.0      | 4.8  | ----- |
| Hysterectomy.....                          | 9               | 0.0                 | 0.3  | ----- | 0.0     | 0.6  | ----- | 0.0      | 1.1  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# MT. ZION HOSPITAL & MED CTR OF THE UCSF

Medicare Provider Number: 050033

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 76.0 years  
Proportion female..... 58.0 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 39.4 %  
Transferred from skilled nursing facility..... 1.0 %  
Admitted for elective procedure..... 21.2 %  
Admitted for emergency..... 77.3 %

### COMORBIDITIES:

Cancer..... 9.4 %  
Chronic cardiovascular disease..... 33.9 %  
Chronic liver disease..... 1.4 %  
Chronic renal disease..... 4.1 %  
Chronic pulmonary disease..... 10.5 %  
Cerebrovascular degeneration..... 6.9 %  
Diabetes mellitus..... 7.6 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 86.9%  
State..... 11.6%  
Outside State..... 1.5%  
Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 7.6 Days  
State..... 7.1 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1988

### PROFILE:

Total Beds..... 439  
Ownership/Control..... Private, Non-Profit  
Case Mix Index (CMI)..... 1.3883

### STAFFING:

Medical Residents/Interns..... 38  
Registered Nurses..... 217  
Licensed Practical Nurses..... 36

### SPECIALTY SERVICES:

Burn Unit..... No  
Coronary Care Unit..... Yes  
Hospice Care..... No  
Intensive Care Unit..... Yes  
Organ Transplant..... No  
Trauma Center..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... No  
Rehabilitation..... Yes  
Psychiatric..... Yes  
Medicare Swing Beds..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# N.T. ENLOE MEMORIAL HOSPITAL

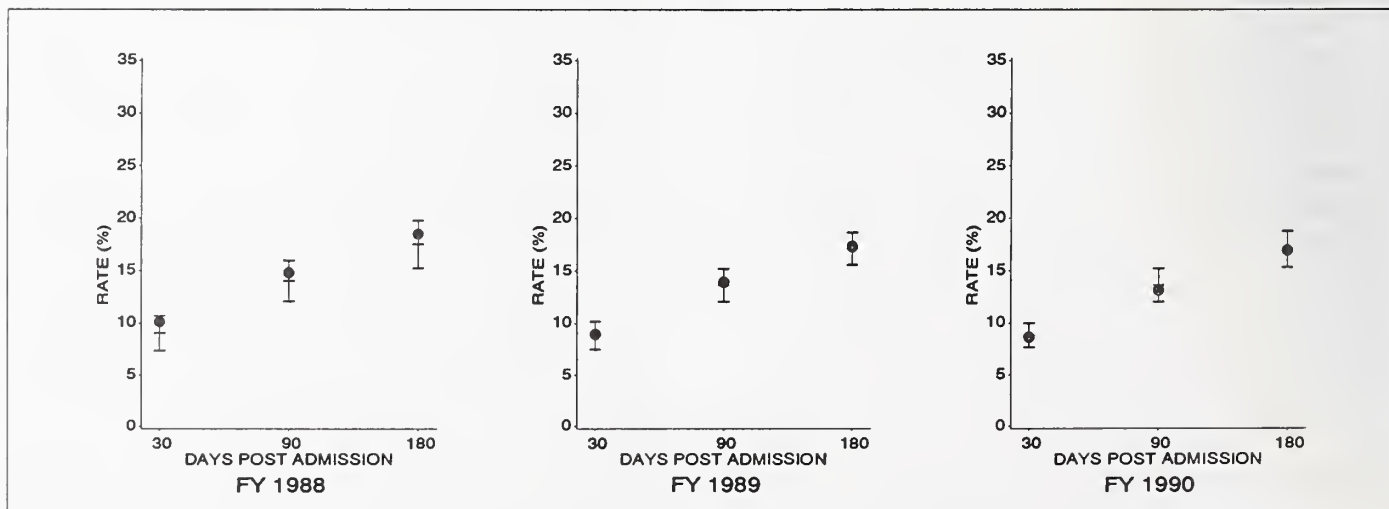
5TH AVE & THE ESPLANADE  
CHICO, CA 95926  
Medicare Provider Number: 050039

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 2754            | 8.6                 | 8.8  | 0.6  | 13.1    | 13.6 | 0.8  | 16.9     | 17.0 | 0.9  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 120             | 15.8                | 22.9 | 5.7  | 19.2    | 25.8 | 6.0  | 19.2     | 28.3 | 6.9  |
| Congestive Heart Failure.....              | 80              | 16.2                | 14.4 | 6.4  | 26.2    | 22.8 | 5.6  | 33.7     | 28.8 | 6.9  |
| Pneumonia/Influenza.....                   | 112             | 13.4                | 14.8 | 3.6  | 18.8    | 20.4 | 4.1  | 24.1     | 24.3 | 4.1  |
| Chronic Obstructive Pulmonary Disease..... | 32              | 12.5                | 9.4  | ---- | 12.5    | 17.0 | ---- | 25.0     | 22.1 | ---- |
| Transient Cerebral Ischemia.....           | 26              | 0.0                 | 2.0  | ---- | 3.8     | 4.4  | ---- | 3.8      | 7.0  | ---- |
| Stroke.....                                | 101             | 21.8                | 18.5 | 4.8  | 24.8    | 24.6 | 5.7  | 31.7     | 28.3 | 6.2  |
| Hip Fracture.....                          | 70              | 2.9                 | 6.6  | 4.5  | 8.6     | 11.8 | 5.4  | 11.4     | 15.5 | 5.8  |
| Sepsis.....                                | 17              | 11.8                | 24.4 | ---- | 23.5    | 33.1 | ---- | 23.5     | 38.5 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 89              | 1.1                 | 3.8  | 3.3  | 3.4     | 4.6  | 2.9  | 3.4      | 5.5  | 3.1  |
| Coronary Artery Bypass Graft.....          | 87              | 3.4                 | 5.5  | 4.0  | 4.6     | 7.8  | 5.6  | 4.6      | 8.9  | 5.9  |
| Initial Pacemaker Insertion.....           | 34              | 5.9                 | 2.9  | ---- | 8.8     | 5.9  | ---- | 8.8      | 8.6  | ---- |
| Carotid Endarterectomy.....                | 46              | 0.0                 | 1.6  | ---- | 2.2     | 2.9  | ---- | 4.3      | 4.4  | ---- |
| Hip Replacement/Reconstruction.....        | 59              | 0.0                 | 2.4  | 2.8  | 1.7     | 4.4  | 3.8  | 3.4      | 6.0  | 4.0  |
| Open Reduction of Hip Fracture.....        | 39              | 5.1                 | 6.4  | ---- | 10.3    | 11.7 | ---- | 10.3     | 15.5 | ---- |
| Prostatectomy.....                         | 77              | 0.0                 | 0.8  | 1.4  | 1.3     | 1.8  | 1.8  | 2.6      | 3.1  | 2.4  |
| Cholecystectomy.....                       | 39              | 0.0                 | 3.0  | ---- | 5.1     | 5.8  | ---- | 10.3     | 7.7  | ---- |
| Hysterectomy.....                          | 16              | 0.0                 | 0.5  | ---- | 0.0     | 1.2  | ---- | 0.0      | 2.0  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# N.T. ENLOE MEMORIAL HOSPITAL

Medicare Provider Number: 050039

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 73.4 years |
| Proportion female.....        | 49.0 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 63.7 % |
| Transferred from skilled nursing facility..... | 0.3 %  |
| Admitted for elective procedure.....           | 24.1 % |
| Admitted for emergency.....                    | 43.6 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 9.3 %  |
| Chronic cardiovascular disease..... | 41.5 % |
| Chronic liver disease.....          | 0.6 %  |
| Chronic renal disease.....          | 2.4 %  |
| Chronic pulmonary disease.....      | 16.2 % |
| Cerebrovascular degeneration.....   | 2.4 %  |
| Diabetes mellitus.....              | 5.4 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City.....    | 67.3%  |
| State .....         | 31.6%  |
| Outside State ..... | 1.1%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 7.7 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 203                 |
| Occupancy Rate .....       | 82.0 %              |
| Ownership/Control.....     | Private, Non-Profit |
| Medicare Discharges .....  | 39.2 %              |
| Case Mix Index (CMI) ..... | 1.5719              |

### STAFFING:

|                                                           |        |
|-----------------------------------------------------------|--------|
| Total Number of Physicians.....                           | 160    |
| Percent of Physicians Board<br>Certified Specialists..... | 80.6 % |
| Medical Residents/Interns .....                           | 0      |
| Registered Nurses.....                                    | 358    |
| Licensed Practical Nurses .....                           | 95     |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | Yes |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | Yes |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | Yes |
| Trauma Center .....                   | Yes |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |    |
|---------------------------|----|
| Alcohol/Drug .....        | No |
| Rehabilitation.....       | No |
| Psychiatric .....         | No |
| Medicare Swing Beds ..... | No |

\*\* Except for CMI

\* Not used in calculating mortality rates

# NAPA STATE HOSPITAL

2100 NAPA-VALLEJO HY  
NAPA, CA 94558  
Medicare Provider Number: 050691

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1                  | 100.0               | 3.9  | ----- | 100.0   | 5.3  | ----- | 100.0    | 7.4  | ----- |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 0                  |                     |      |       |         |      |       |          |      |       |
| Congestive Heart Failure.....              | 0                  |                     |      |       |         |      |       |          |      |       |
| Pneumonia/Influenza.....                   | 1                  | 100.0               | 3.8  | ----- | 100.0   | 5.3  | ----- | 100.0    | 7.3  | ----- |
| Chronic Obstructive Pulmonary Disease..... | 0                  |                     |      |       |         |      |       |          |      |       |
| Transient Cerebral Ischemia.....           | 0                  |                     |      |       |         |      |       |          |      |       |
| Stroke.....                                | 0                  |                     |      |       |         |      |       |          |      |       |
| Hip Fracture.....                          | 0                  |                     |      |       |         |      |       |          |      |       |
| Sepsis.....                                | 0                  |                     |      |       |         |      |       |          |      |       |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0                  |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 0                  |                     |      |       |         |      |       |          |      |       |
| Open Reduction of Hip Fracture.....        | 0                  |                     |      |       |         |      |       |          |      |       |
| Prostatectomy.....                         | 0                  |                     |      |       |         |      |       |          |      |       |
| Cholecystectomy.....                       | 0                  |                     |      |       |         |      |       |          |      |       |
| Hysterectomy.....                          | 0                  |                     |      |       |         |      |       |          |      |       |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES

No Graphs are presented when the standard deviation  
was not computed for one or more of the three fiscal years,  
(1988, 1989, or 1990)



**NAPA STATE HOSPITAL**  
Medicare Provider Number: 050691

**FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES**

**DEMOGRAPHICS:**

Average age at admission..... 49.0 years  
Proportion female..... 0.0 %

**ADMISSION SOURCES/TYPES:**

Referred by personal or HMO physician..... 0.0 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 0.0 %  
Admitted for emergency..... 100.0 %

**COMORBIDITIES:**

Cancer..... 0.0 %  
Chronic cardiovascular disease..... 0.0 %  
Chronic liver disease..... 0.0 %  
Chronic renal disease..... 0.0 %  
Chronic pulmonary disease..... 100.0 %  
Cerebrovascular degeneration..... 0.0 %  
Diabetes mellitus..... 0.0 %

**ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\***

**ORIGIN OF MEDICARE PATIENT ADMISSION:**

County/City..... 40.0%  
State..... 60.0%  
Outside State..... 0.0%  
Total..... 100.0%

**MEDICARE AVERAGE LENGTH OF STAY:**

Hospital..... 9.8 Days  
State..... 7.1 Days  
National..... 8.6 Days

**HOSPITAL CHARACTERISTICS\***

**SOURCE:** AHA Annual Survey of Hospitals\*\* - Survey Year 1990

**PROFILE:**

Total Beds..... 1327  
Occupancy Rate..... 89.0 %  
Ownership/Control..... State Government  
Medicare Discharges.....(Not Available)  
Case Mix Index (CMI)..... 0.9118

**STAFFING:**

Total Number of Physicians..... 80  
Percent of Physicians Board  
Certified Specialists..... 58.8 %  
Medical Residents/Interns..... 16  
Registered Nurses..... 221  
Licensed Practical Nurses..... 59

**SPECIALTY SERVICES:**

Burn Unit..... No  
Cardiac intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Trauma Center..... No

**OTHER SPECIALTY/HOSPITAL-BASED SERVICES:**

Alcohol/Drug..... No  
Rehabilitation..... No  
Psychiatric..... Yes  
Medicare Swing Beds..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# NATIVIDAD MEDICAL CENTER

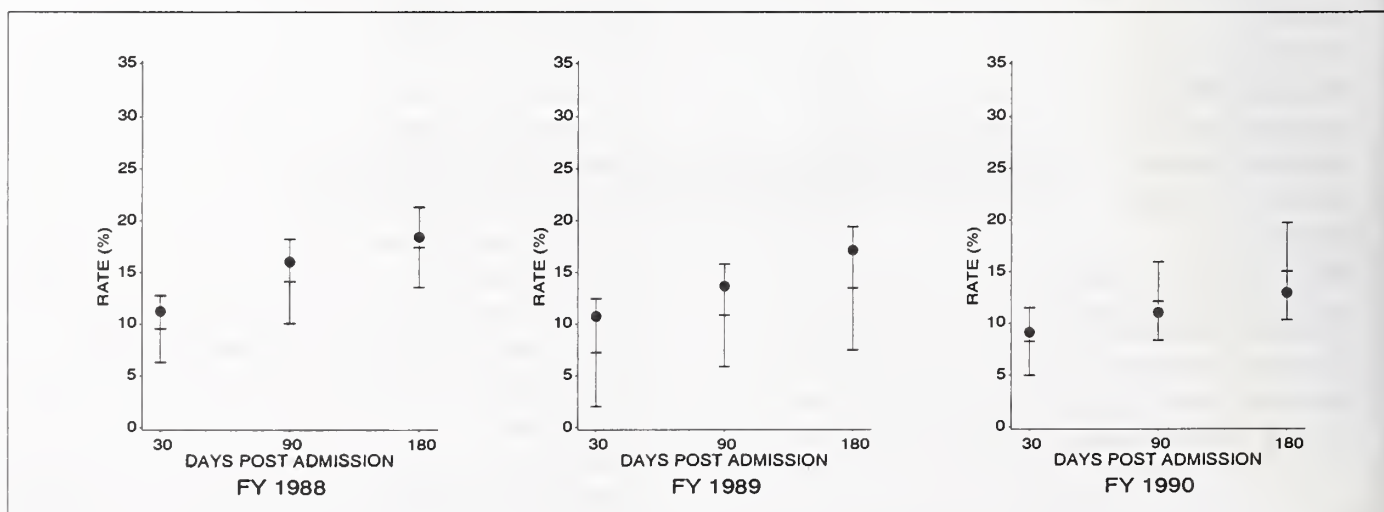
1330 NATIVIDAD RD BOX 1611  
SALINAS, CA 93906  
Medicare Provider Number: 050248

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 319             | 9.1                 | 8.2  | 1.6  | 11.0    | 12.1 | 1.9  | 12.9     | 15.0 | 2.4  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 13              | 23.1                | 25.2 | ---- | 30.8    | 28.5 | ---- | 38.5     | 31.3 | ---- |
| Congestive Heart Failure.....              | 17              | 11.8                | 13.6 | ---- | 17.6    | 22.1 | ---- | 17.6     | 28.8 | ---- |
| Pneumonia/Influenza.....                   | 20              | 20.0                | 10.0 | ---- | 20.0    | 13.7 | ---- | 20.0     | 16.4 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 4               | 0.0                 | 6.7  | ---- | 0.0     | 12.2 | ---- | 0.0      | 17.5 | ---- |
| Transient Cerebral Ischemia.....           | 3               | 0.0                 | 1.1  | ---- | 0.0     | 2.5  | ---- | 0.0      | 4.4  | ---- |
| Stroke.....                                | 13              | 15.4                | 23.9 | ---- | 15.4    | 28.6 | ---- | 23.1     | 31.6 | ---- |
| Hip Fracture.....                          | 8               | 0.0                 | 8.0  | ---- | 0.0     | 14.3 | ---- | 0.0      | 18.4 | ---- |
| Sepsis.....                                | 4               | 25.0                | 26.9 | ---- | 25.0    | 31.6 | ---- | 25.0     | 35.7 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0               |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 2               | 0.0                 | 7.9  | ---- | 0.0     | 13.8 | ---- | 0.0      | 17.5 | ---- |
| Open Reduction of Hip Fracture.....        | 6               | 0.0                 | 7.0  | ---- | 0.0     | 13.3 | ---- | 0.0      | 17.5 | ---- |
| Prostatectomy.....                         | 2               | 0.0                 | 2.7  | ---- | 0.0     | 5.5  | ---- | 0.0      | 8.7  | ---- |
| Cholecystectomy.....                       | 2               | 0.0                 | 0.8  | ---- | 0.0     | 1.4  | ---- | 0.0      | 1.8  | ---- |
| Hysterectomy.....                          | 3               | 0.0                 | 0.7  | ---- | 0.0     | 1.7  | ---- | 0.0      | 2.7  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# NATIVIDAD MEDICAL CENTER

Medicare Provider Number: 050248

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 65.0 years  
Proportion female..... 45.8 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 5.6 %  
Transferred from skilled nursing facility..... 2.8 %  
Admitted for elective procedure..... 7.5 %  
Admitted for emergency..... 30.1 %

### COMORBIDITIES:

Cancer..... 2.8 %  
Chronic cardiovascular disease..... 29.8 %  
Chronic liver disease..... 1.3 %  
Chronic renal disease..... 6.3 %  
Chronic pulmonary disease..... 14.7 %  
Cerebrovascular degeneration..... 14.7 %  
Diabetes mellitus..... 10.3 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 92.9 %  
State..... 5.6 %  
Outside State..... 1.5 %  
Total..... 100.0 %

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 6.3 Days  
State..... 7.1 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds..... 169  
Occupancy Rate..... 63.0 %  
Ownership/Control..... Local Government  
Medicare Discharges..... 10.5 %  
Case Mix Index (CMI)..... 1.1373

### STAFFING:

Total Number of Physicians..... 47  
Percent of Physicians Board  
Certified Specialists..... 78.7 %  
Medical Residents/Interns..... 20  
Registered Nurses..... 94  
Licensed Practical Nurses..... 19

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Trauma Center..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... No  
Rehabilitation..... No  
Psychiatric..... Yes  
Medicare Swing Beds..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# NELSON HOLDERMAN HOSPITAL

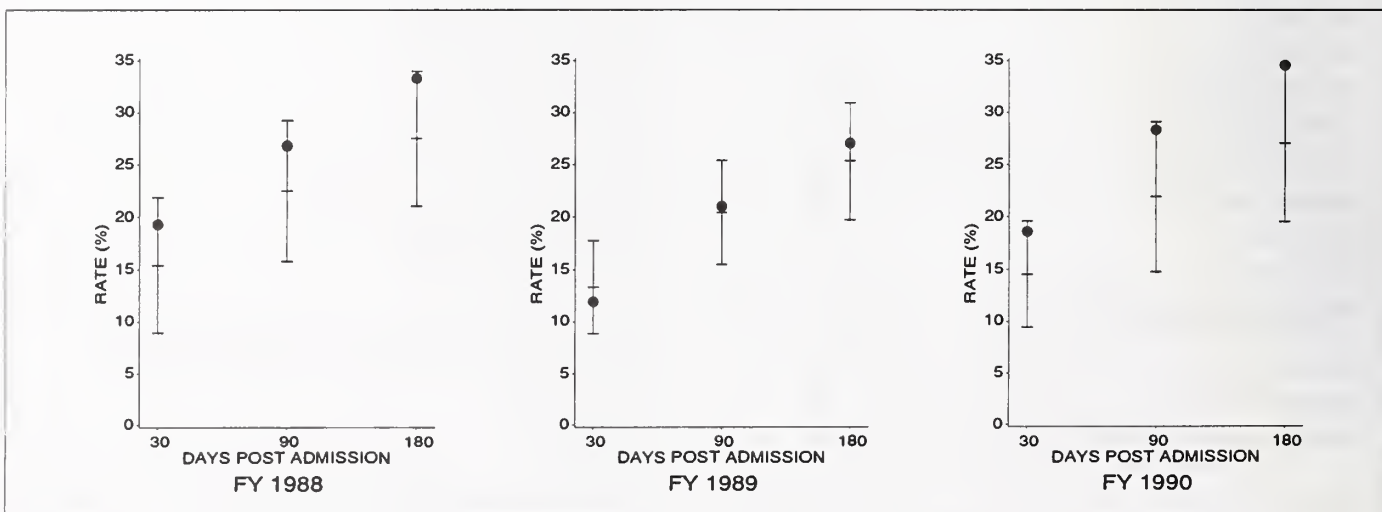
CALIFORNIA VETERANS HOME  
YOUNTVILLE, CA 94599  
Medicare Provider Number: 050667

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 258                | 18.6                | 14.5 | 2.6  | 28.3    | 21.9 | 3.6  | 34.5     | 27.0 | 3.7  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 11                 | 36.4                | 45.9 | ---- | 36.4    | 51.9 | ---- | 45.5     | 55.9 | ---- |
| Congestive Heart Failure.....              | 19                 | 26.3                | 16.1 | ---- | 36.8    | 25.1 | ---- | 47.4     | 31.7 | ---- |
| Pneumonia/Influenza.....                   | 25                 | 24.0                | 16.4 | ---- | 52.0    | 23.8 | ---- | 52.0     | 28.8 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 3                  | 33.3                | 11.8 | ---- | 33.3    | 19.6 | ---- | 66.7     | 25.5 | ---- |
| Transient Cerebral Ischemia.....           | 2                  | 0.0                 | 1.0  | ---- | 0.0     | 2.6  | ---- | 0.0      | 4.5  | ---- |
| Stroke.....                                | 16                 | 37.5                | 16.4 | ---- | 37.5    | 22.0 | ---- | 43.8     | 26.2 | ---- |
| Hip Fracture.....                          | 7                  | 14.3                | 13.2 | ---- | 14.3    | 23.0 | ---- | 28.6     | 28.4 | ---- |
| Sepsis.....                                | 2                  | 0.0                 | 42.7 | ---- | 0.0     | 59.8 | ---- | 0.0      | 66.4 | ---- |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0                  |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 2                  | 0.0                 | 8.3  | ---- | 0.0     | 15.9 | ---- | 0.0      | 22.2 | ---- |
| Open Reduction of Hip Fracture.....        | 2                  | 0.0                 | 12.2 | ---- | 0.0     | 21.6 | ---- | 0.0      | 26.2 | ---- |
| Prostatectomy.....                         | 1                  | 0.0                 | 1.2  | ---- | 0.0     | 3.1  | ---- | 0.0      | 5.8  | ---- |
| Cholecystectomy.....                       | 1                  | 0.0                 | 2.1  | ---- | 0.0     | 3.5  | ---- | 100.0    | 4.9  | ---- |
| Hysterectomy.....                          | 0                  |                     |      |      |         |      |      |          |      |      |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# NELSON HOLDERMAN HOSPITAL

Medicare Provider Number: 050667

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 76.7 years |
| Proportion female.....        | 7.8 %      |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 32.9 % |
| Transferred from skilled nursing facility..... | 38.4 % |
| Admitted for elective procedure.....           | 5.4 %  |
| Admitted for emergency.....                    | 3.9 %  |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 7.0 %  |
| Chronic cardiovascular disease..... | 44.6 % |
| Chronic liver disease.....          | 0.4 %  |
| Chronic renal disease.....          | 5.0 %  |
| Chronic pulmonary disease.....      | 26.0 % |
| Cerebrovascular degeneration.....   | 5.4 %  |
| Diabetes mellitus.....              | 6.6 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 2.6%   |
| State .....         | 96.2%  |
| Outside State ..... | 1.2%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 8.3 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                  |
|----------------------------|------------------|
| Total Beds .....           | 682              |
| Occupancy Rate .....       | 84.0 %           |
| Ownership/Control.....     | State Government |
| Medicare Discharges .....  | 50.1 %           |
| Case Mix Index (CMI) ..... | 1.1426           |

### STAFFING:

|                                                            |                 |
|------------------------------------------------------------|-----------------|
| Total Number of Physicians.....                            | 27              |
| Percent of Physicians Board<br>Certified Specialists ..... | 55.6 %          |
| Medical Residents/Interns .....                            | (Not Available) |
| Registered Nurses.....                                     | (Not Available) |
| Licensed Practical Nurses .....                            | (Not Available) |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | Yes |
| Hospice Care .....                    | Yes |
| Medical/Surgical Intensive Care ..... | No  |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | Yes |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | No  |
| Psychiatric .....         | Yes |
| Medicare Swing Beds ..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# NORTH COAST REHABILITATION CENTER

151 SOTOYOME ST  
SANTA ROSA, CA 95405  
Medicare Provider Number: 050670

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 2                  | 0.0                 | 4.9  | ---- | 0.0     | 9.5  | ---- | 0.0      | 14.8 | ---- |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Congestive Heart Failure.....              | 0                  |                     |      |      |         |      |      |          |      |      |
| Pneumonia/Influenza.....                   | 0                  |                     |      |      |         |      |      |          |      |      |
| Chronic Obstructive Pulmonary Disease..... | 0                  |                     |      |      |         |      |      |          |      |      |
| Transient Cerebral Ischemia.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Stroke.....                                | 0                  |                     |      |      |         |      |      |          |      |      |
| Hip Fracture.....                          | 0                  |                     |      |      |         |      |      |          |      |      |
| Sepsis.....                                | 0                  |                     |      |      |         |      |      |          |      |      |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0                  |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 0                  |                     |      |      |         |      |      |          |      |      |
| Open Reduction of Hip Fracture.....        | 0                  |                     |      |      |         |      |      |          |      |      |
| Prostatectomy.....                         | 0                  |                     |      |      |         |      |      |          |      |      |
| Cholecystectomy.....                       | 0                  |                     |      |      |         |      |      |          |      |      |
| Hysterectomy.....                          | 0                  |                     |      |      |         |      |      |          |      |      |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES

No Graphs are presented when the standard deviation  
was not computed for one or more of the three fiscal years,  
(1988, 1989, or 1990)

# NORTH COAST REHABILITATION CENTER

Medicare Provider Number: 050670

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 78.5 years  
Proportion female..... 0.0 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 50.0 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 0.0 %  
Admitted for emergency..... 50.0 %

### COMORBIDITIES:

Cancer..... 0.0 %  
Chronic cardiovascular disease..... 100.0 %  
Chronic liver disease..... 0.0 %  
Chronic renal disease..... 0.0 %  
Chronic pulmonary disease..... 0.0 %  
Cerebrovascular degeneration..... 0.0 %  
Diabetes mellitus..... 0.0 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 0.0%  
State..... 100.0%  
Outside State..... 0.0%  
Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 0.0 Days  
State..... 7.1 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds..... 61  
Occupancy Rate..... 77.0 %  
Ownership/Control..... Private, For Profit  
Medicare Discharges..... 72.2 %  
Case Mix Index (CMI)..... 1.1774

### STAFFING:

Total Number of Physicians..... 43  
Percent of Physicians Board  
Certified Specialists..... (Not Available)  
Medical Residents/Interns..... 0  
Registered Nurses..... 18  
Licensed Practical Nurses..... 9

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Trauma Center..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... No  
Rehabilitation..... Yes  
Psychiatric..... No  
Medicare Swing Beds..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# NORTHBAY MEDICAL CENTER

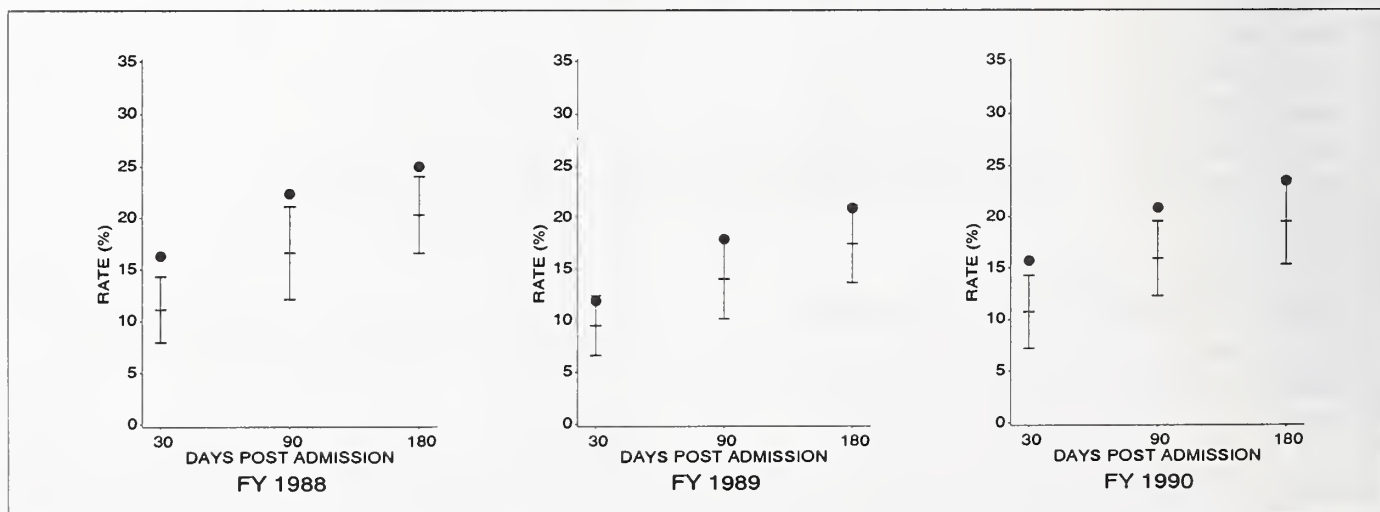
1800 PENNSYLVANIA AVE  
FAIRFIELD, CA 94533  
Medicare Provider Number: 050367

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 733             | 15.7                | 10.7 | 1.8  | 20.9    | 15.9 | 1.8  | 23.5     | 19.5 | 2.1  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 21              | 33.3                | 19.1 | ---- | 33.3    | 21.7 | ---- | 38.1     | 24.0 | ---- |
| Congestive Heart Failure.....              | 34              | 11.8                | 14.0 | ---- | 20.6    | 21.8 | ---- | 20.6     | 27.7 | ---- |
| Pneumonia/Influenza.....                   | 39              | 25.6                | 14.8 | ---- | 30.8    | 20.3 | ---- | 30.8     | 23.8 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 11              | 0.0                 | 6.0  | ---- | 9.1     | 10.0 | ---- | 18.2     | 13.4 | ---- |
| Transient Cerebral Ischemia.....           | 5               | 0.0                 | 0.9  | ---- | 0.0     | 2.0  | ---- | 0.0      | 3.1  | ---- |
| Stroke.....                                | 21              | 23.8                | 22.6 | ---- | 42.9    | 28.5 | ---- | 47.6     | 32.0 | ---- |
| Hip Fracture.....                          | 16              | 0.0                 | 7.2  | ---- | 6.3     | 12.8 | ---- | 12.5     | 16.2 | ---- |
| Sepsis.....                                | 8               | 50.0                | 32.3 | ---- | 62.5    | 41.1 | ---- | 62.5     | 46.7 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 4               | 0.0                 | 1.4  | ---- | 0.0     | 3.1  | ---- | 0.0      | 5.1  | ---- |
| Carotid Endarterectomy.....                | 7               | 14.3                | 1.1  | ---- | 14.3    | 2.2  | ---- | 14.3     | 3.2  | ---- |
| Hip Replacement/Reconstruction.....        | 10              | 0.0                 | 2.2  | ---- | 0.0     | 4.1  | ---- | 10.0     | 5.4  | ---- |
| Open Reduction of Hip Fracture.....        | 11              | 0.0                 | 4.5  | ---- | 0.0     | 8.7  | ---- | 0.0      | 11.7 | ---- |
| Prostatectomy.....                         | 23              | 0.0                 | 0.5  | ---- | 0.0     | 1.2  | ---- | 0.0      | 2.1  | ---- |
| Cholecystectomy.....                       | 18              | 0.0                 | 1.5  | ---- | 0.0     | 3.0  | ---- | 5.6      | 4.2  | ---- |
| Hysterectomy.....                          | 7               | 14.3                | 1.6  | ---- | 14.3    | 3.6  | ---- | 14.3     | 5.3  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# NORTHBAY MEDICAL CENTER

Medicare Provider Number: 050367

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 73.5 years |
| Proportion female.....        | 60.9 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 40.5 % |
| Transferred from skilled nursing facility..... | 2.7 %  |
| Admitted for elective procedure.....           | 20.2 % |
| Admitted for emergency.....                    | 59.4 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 9.8 %  |
| Chronic cardiovascular disease..... | 33.2 % |
| Chronic liver disease.....          | 2.2 %  |
| Chronic renal disease.....          | 3.4 %  |
| Chronic pulmonary disease.....      | 14.7 % |
| Cerebrovascular degeneration.....   | 4.1 %  |
| Diabetes mellitus.....              | 6.3 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                    |        |
|--------------------|--------|
| County/City.....   | 87.7%  |
| State.....         | 9.0%   |
| Outside State..... | 3.3%   |
| Total.....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|               |          |
|---------------|----------|
| Hospital..... | 6.1 Days |
| State.....    | 7.1 Days |
| National..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                           |                     |
|---------------------------|---------------------|
| Total Beds.....           | 101                 |
| Occupancy Rate.....       | 59.0 %              |
| Ownership.Control.....    | Private, Non-Profit |
| Medicare Discharges.....  | 24.4 %              |
| Case Mix Index (CMI)..... | 1.2485              |

### STAFFING:

|                                                           |        |
|-----------------------------------------------------------|--------|
| Total Number of Physicians.....                           | 112    |
| Percent of Physicians Board<br>Certified Specialists..... | 88.4 % |
| Medical Residents/Interns.....                            | 0      |
| Registered Nurses.....                                    | 127    |
| Licensed Practical Nurses.....                            | 6      |

### SPECIALTY SERVICES:

|                                      |     |
|--------------------------------------|-----|
| Burn Unit.....                       | No  |
| Cardiac Intensive Care.....          | No  |
| Comprehensive Geriatric.....         | No  |
| Hospice Care.....                    | Yes |
| Medical/Surgical Intensive Care..... | Yes |
| Organ/Tissue Transplant.....         | No  |
| Other Intensive Care.....            | No  |
| Trauma Center.....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                          |     |
|--------------------------|-----|
| Alcohol/Drug.....        | No  |
| Rehabilitation.....      | No  |
| Psychiatric.....         | No  |
| Medicare Swing Beds..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# NORTHERN INYO HOSPITAL

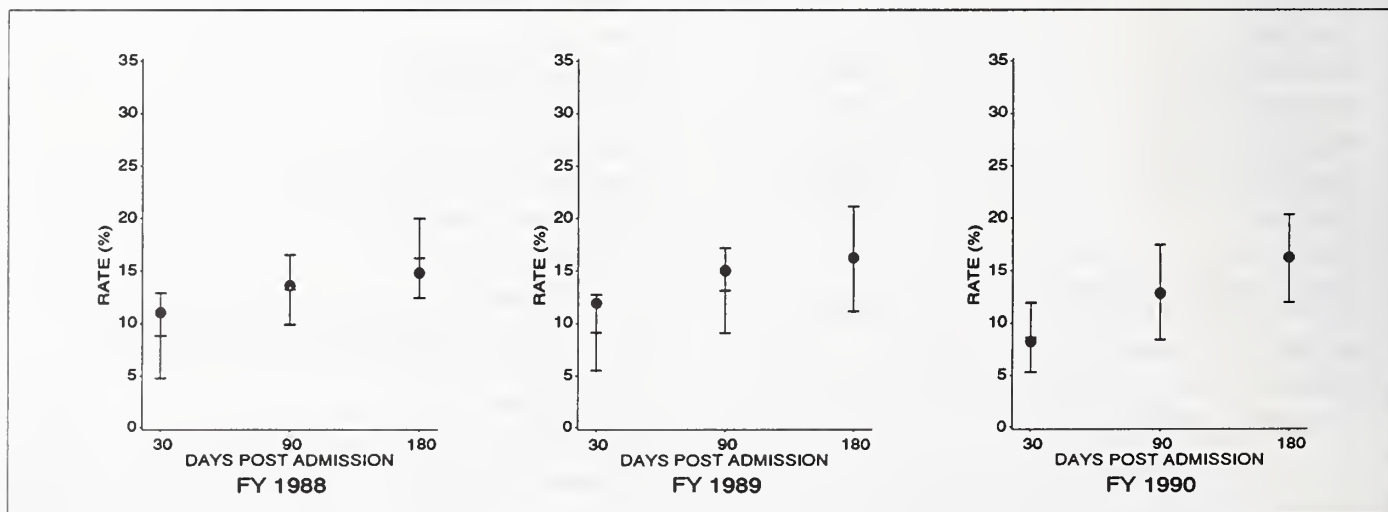
150 PIONEER LANE  
BISHOP, CA 93514  
Medicare Provider Number: 050015

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 400             | 8.2                 | 8.6  | 1.7   | 12.8    | 12.9 | 2.3   | 16.2     | 16.1 | 2.1   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 8               | 25.0                | 24.1 | ----- | 25.0    | 29.1 | ----- | 25.0     | 32.4 | ----- |
| Congestive Heart Failure.....              | 17              | 11.8                | 13.7 | ----- | 17.6    | 22.0 | ----- | 29.4     | 28.5 | ----- |
| Pneumonia/Influenza.....                   | 16              | 12.5                | 10.9 | ----- | 25.0    | 14.9 | ----- | 37.5     | 17.5 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 4               | 0.0                 | 5.9  | ----- | 0.0     | 10.1 | ----- | 0.0      | 13.4 | ----- |
| Transient Cerebral Ischemia.....           | 6               | 0.0                 | 2.0  | ----- | 0.0     | 3.8  | ----- | 0.0      | 5.5  | ----- |
| Stroke.....                                | 15              | 6.7                 | 29.2 | ----- | 20.0    | 35.0 | ----- | 33.3     | 38.5 | ----- |
| Hip Fracture.....                          | 18              | 0.0                 | 7.8  | ----- | 0.0     | 13.7 | ----- | 5.6      | 17.4 | ----- |
| Sepsis.....                                | 12              | 8.3                 | 17.7 | ----- | 16.7    | 23.2 | ----- | 25.0     | 26.9 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 2               | 0.0                 | 1.1  | ----- | 0.0     | 1.9  | ----- | 0.0      | 2.8  | ----- |
| Hip Replacement/Reconstruction.....        | 14              | 0.0                 | 3.7  | ----- | 0.0     | 6.6  | ----- | 7.1      | 8.6  | ----- |
| Open Reduction of Hip Fracture.....        | 10              | 0.0                 | 7.1  | ----- | 0.0     | 12.8 | ----- | 0.0      | 16.7 | ----- |
| Prostatectomy.....                         | 20              | 0.0                 | 1.1  | ----- | 0.0     | 2.6  | ----- | 5.0      | 4.2  | ----- |
| Cholecystectomy.....                       | 17              | 0.0                 | 3.3  | ----- | 0.0     | 5.5  | ----- | 0.0      | 7.0  | ----- |
| Hysterectomy.....                          | 4               | 0.0                 | 0.3  | ----- | 0.0     | 0.7  | ----- | 0.0      | 1.1  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# NORTHERN INYO HOSPITAL

Medicare Provider Number: 050015

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 75.1 years  
Proportion female..... 57.0 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 44.3 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 10.0 %  
Admitted for emergency..... 55.0 %

### COMORBIDITIES:

Cancer..... 6.0 %  
Chronic cardiovascular disease..... 37.8 %  
Chronic liver disease..... 1.0 %  
Chronic renal disease..... 2.8 %  
Chronic pulmonary disease..... 28.0 %  
Cerebrovascular degeneration..... 3.8 %  
Diabetes mellitus..... 4.3 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 85.4%  
State ..... 11.1%  
Outside State ..... 3.5%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 5.0 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 40  
Occupancy Rate ..... 36.0 %  
Ownership/Control..... District/Authority  
Medicare Discharges ..... 32.8 %  
Case Mix Index (CMI) ..... 1.4256

### STAFFING:

Total Number of Physicians..... 39  
Percent of Physicians Board  
Certified Specialists ..... 76.9 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 49  
Licensed Practical Nurses..... 10

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... Yes  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# NOVATO COMMUNITY HOSPITAL

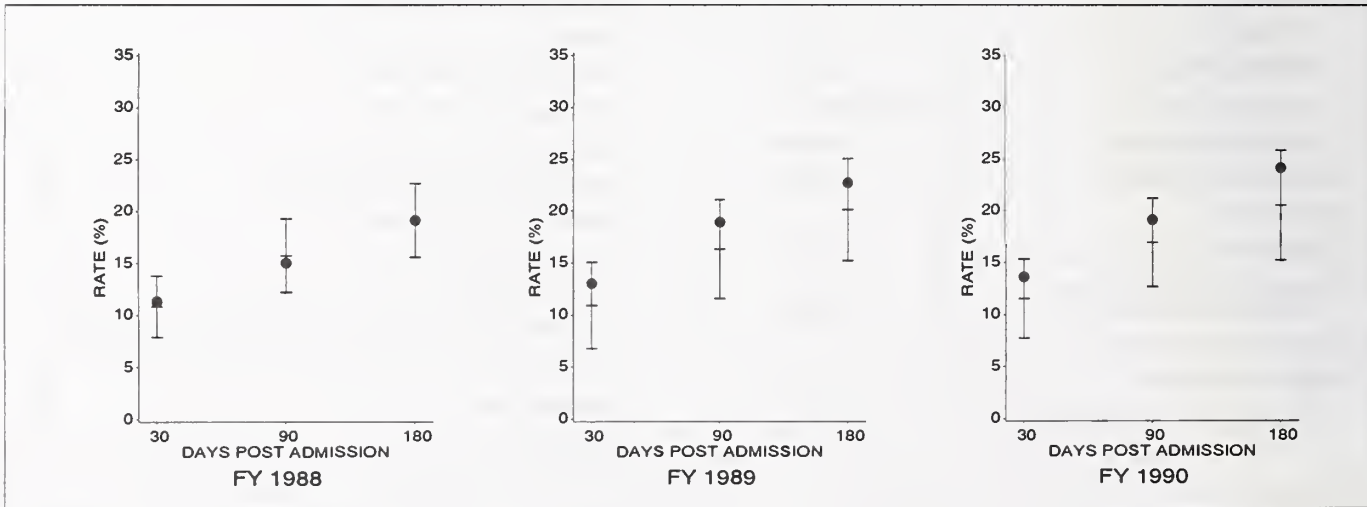
1625 HILL RD  
NOVATO, CA 94947  
Medicare Provider Number: 050131

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 486             | 13.6                | 11.5 | 1.9   | 19.1    | 16.9 | 2.1   | 24.1     | 20.5 | 2.7   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 19              | 36.8                | 28.2 | ----- | 47.4    | 30.7 | ----- | 52.6     | 33.2 | ----- |
| Congestive Heart Failure.....              | 30              | 16.7                | 15.4 | ----- | 20.0    | 24.2 | ----- | 36.7     | 30.7 | ----- |
| Pneumonia/Influenza.....                   | 25              | 16.0                | 18.0 | ----- | 32.0    | 25.0 | ----- | 40.0     | 29.5 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 13              | 7.7                 | 10.2 | ----- | 7.7     | 17.3 | ----- | 15.4     | 21.6 | ----- |
| Transient Cerebral Ischemia.....           | 6               | 0.0                 | 1.6  | ----- | 0.0     | 3.8  | ----- | 0.0      | 6.1  | ----- |
| Stroke.....                                | 22              | 18.2                | 23.7 | ----- | 22.7    | 30.1 | ----- | 36.4     | 33.5 | ----- |
| Hip Fracture.....                          | 16              | 6.3                 | 6.6  | ----- | 6.3     | 11.3 | ----- | 18.8     | 14.5 | ----- |
| Sepsis.....                                | 1               | 0.0                 | 22.8 | ----- | 0.0     | 27.4 | ----- | 0.0      | 33.3 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 5               | 0.0                 | 5.6  | ----- | 0.0     | 10.3 | ----- | 0.0      | 14.5 | ----- |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 13              | 0.0                 | 3.0  | ----- | 0.0     | 5.7  | ----- | 7.7      | 7.6  | ----- |
| Open Reduction of Hip Fracture.....        | 9               | 11.1                | 6.1  | ----- | 11.1    | 10.8 | ----- | 22.2     | 14.1 | ----- |
| Prostatectomy.....                         | 10              | 10.0                | 0.7  | ----- | 10.0    | 1.7  | ----- | 10.0     | 3.0  | ----- |
| Cholecystectomy.....                       | 10              | 0.0                 | 2.7  | ----- | 0.0     | 4.3  | ----- | 0.0      | 5.4  | ----- |
| Hysterectomy.....                          | 0               |                     |      |       |         |      |       |          |      |       |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# NOVATO COMMUNITY HOSPITAL

Medicare Provider Number: 050131

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 76.5 years |
| Proportion female.....        | 64.0 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 36.8 % |
| Transferred from skilled nursing facility..... | 1.0 %  |
| Admitted for elective procedure.....           | 0.0 %  |
| Admitted for emergency.....                    | 65.6 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 6.8 %  |
| Chronic cardiovascular disease..... | 34.8 % |
| Chronic liver disease.....          | 0.2 %  |
| Chronic renal disease.....          | 1.6 %  |
| Chronic pulmonary disease.....      | 17.9 % |
| Cerebrovascular degeneration.....   | 3.7 %  |
| Diabetes mellitus.....              | 2.9 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 85.4%  |
| State .....         | 11.4%  |
| Outside State ..... | 3.2%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 5.3 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 54                  |
| Occupancy Rate .....       | 33.0 %              |
| Ownership/Control.....     | Private, Non-Profit |
| Medicare Discharges .....  | (Not Available)     |
| Case Mix Index (CMI) ..... | 1.2352              |

### STAFFING:

|                                                           |        |
|-----------------------------------------------------------|--------|
| Total Number of Physicians.....                           | 57     |
| Percent of Physicians Board<br>Certified Specialists..... | 80.7 % |
| Medical Residents/Interns .....                           | 0      |
| Registered Nurses.....                                    | 86     |
| Licensed Practical Nurses.....                            | 4      |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |    |
|---------------------------|----|
| Alcohol/Drug .....        | No |
| Rehabilitation.....       | No |
| Psychiatric.....          | No |
| Medicare Swing Beds ..... | No |

\*\* Except for CMI

\* Not used in calculating mortality rates

# O CONNOR HOSPITAL

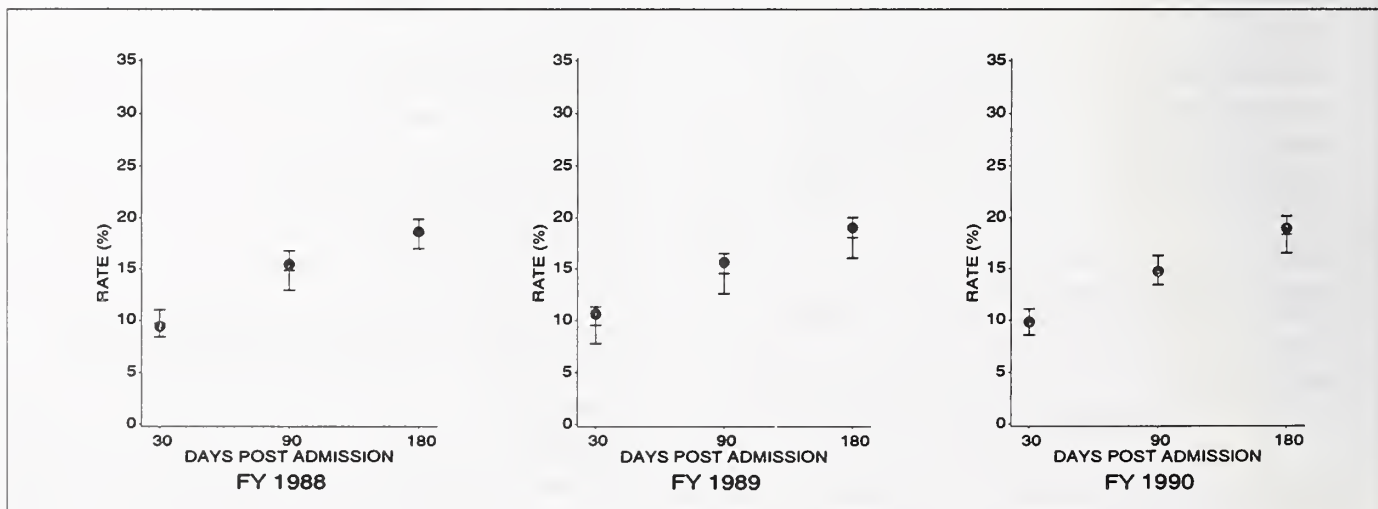
2105 FOREST AVE  
SAN JOSE, CA 95128  
Medicare Provider Number: 050153

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 2589            | 9.8                 | 9.8  | 0.6   | 14.7    | 14.8 | 0.7   | 18.9     | 18.3 | 0.9   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 99              | 23.2                | 22.0 | 5.9   | 28.3    | 25.2 | 7.3   | 32.3     | 27.9 | 7.5   |
| Congestive Heart Failure.....              | 129             | 14.7                | 14.6 | 3.5   | 19.4    | 23.0 | 4.9   | 26.4     | 29.1 | 4.8   |
| Pneumonia/Influenza.....                   | 117             | 13.7                | 18.8 | 3.9   | 25.6    | 25.3 | 4.8   | 35.0     | 29.5 | 4.9   |
| Chronic Obstructive Pulmonary Disease..... | 34              | 17.6                | 8.3  | ----- | 26.5    | 14.1 | ----- | 29.4     | 18.0 | ----- |
| Transient Cerebral Ischemia.....           | 19              | 0.0                 | 2.1  | ----- | 0.0     | 4.6  | ----- | 15.8     | 7.3  | ----- |
| Stroke.....                                | 119             | 18.5                | 18.6 | 3.7   | 21.8    | 25.0 | 4.7   | 27.7     | 28.8 | 5.4   |
| Hip Fracture.....                          | 95              | 7.4                 | 6.4  | 3.1   | 8.4     | 11.3 | 3.6   | 16.8     | 14.7 | 4.2   |
| Sepsis.....                                | 36              | 13.9                | 24.7 | ----- | 19.4    | 32.3 | ----- | 25.0     | 37.5 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 120             | 2.5                 | 2.9  | 1.5   | 4.2     | 3.9  | 1.8   | 6.7      | 4.9  | 2.4   |
| Coronary Artery Bypass Graft.....          | 81              | 9.9                 | 6.3  | 5.9   | 14.8    | 9.2  | 7.4   | 14.8     | 10.3 | 7.6   |
| Initial Pacemaker Insertion.....           | 36              | 5.6                 | 3.8  | ----- | 11.1    | 7.3  | ----- | 11.1     | 10.4 | ----- |
| Carotid Endarterectomy.....                | 30              | 0.0                 | 1.4  | ----- | 6.7     | 2.7  | ----- | 6.7      | 4.0  | ----- |
| Hip Replacement/Reconstruction.....        | 66              | 0.0                 | 2.2  | 3.2   | 4.5     | 3.9  | 2.6   | 9.1      | 5.3  | 3.4   |
| Open Reduction of Hip Fracture.....        | 54              | 9.3                 | 5.3  | 4.5   | 9.3     | 9.6  | 4.6   | 18.5     | 12.9 | 6.1   |
| Prostatectomy.....                         | 89              | 1.1                 | 0.7  | 0.9   | 1.1     | 1.7  | 1.5   | 1.1      | 2.9  | 2.3   |
| Cholecystectomy.....                       | 73              | 0.0                 | 1.7  | 2.2   | 1.4     | 3.0  | 3.1   | 1.4      | 4.0  | 3.5   |
| Hysterectomy.....                          | 32              | 3.1                 | 1.5  | ----- | 3.1     | 3.5  | ----- | 9.4      | 5.4  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# O CONNOR HOSPITAL

Medicare Provider Number: 050153

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 76.0 years |
| Proportion female.....        | 56.9 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 48.9 % |
| Transferred from skilled nursing facility..... | 0.1 %  |
| Admitted for elective procedure.....           | 33.1 % |
| Admitted for emergency.....                    | 49.9 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 8.5 %  |
| Chronic cardiovascular disease..... | 36.2 % |
| Chronic liver disease.....          | 1.2 %  |
| Chronic renal disease.....          | 4.6 %  |
| Chronic pulmonary disease.....      | 11.3 % |
| Cerebrovascular degeneration.....   | 2.9 %  |
| Diabetes mellitus.....              | 6.6 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City.....    | 89.1%  |
| State .....         | 8.9%   |
| Outside State ..... | 2.0%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 7.5 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |        |
|----------------------------|--------|
| Total Beds .....           | 334    |
| Occupancy Rate .....       | 43.0 % |
| Ownership/Control.....     | Church |
| Medicare Discharges .....  | 38.1 % |
| Case Mix Index (CMI) ..... | 1.6036 |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 384    |
| Percent of Physicians Board<br>Certified Specialists ..... | 56.0 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 191    |
| Licensed Practical Nurses .....                            | 34     |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | Yes |
| Hospice Care .....                    | Yes |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | Yes |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | Yes |
| Rehabilitation.....       | No  |
| Psychiatric.....          | No  |
| Medicare Swing Beds ..... | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# OAK VALLEY DISTRICT HOSPITAL

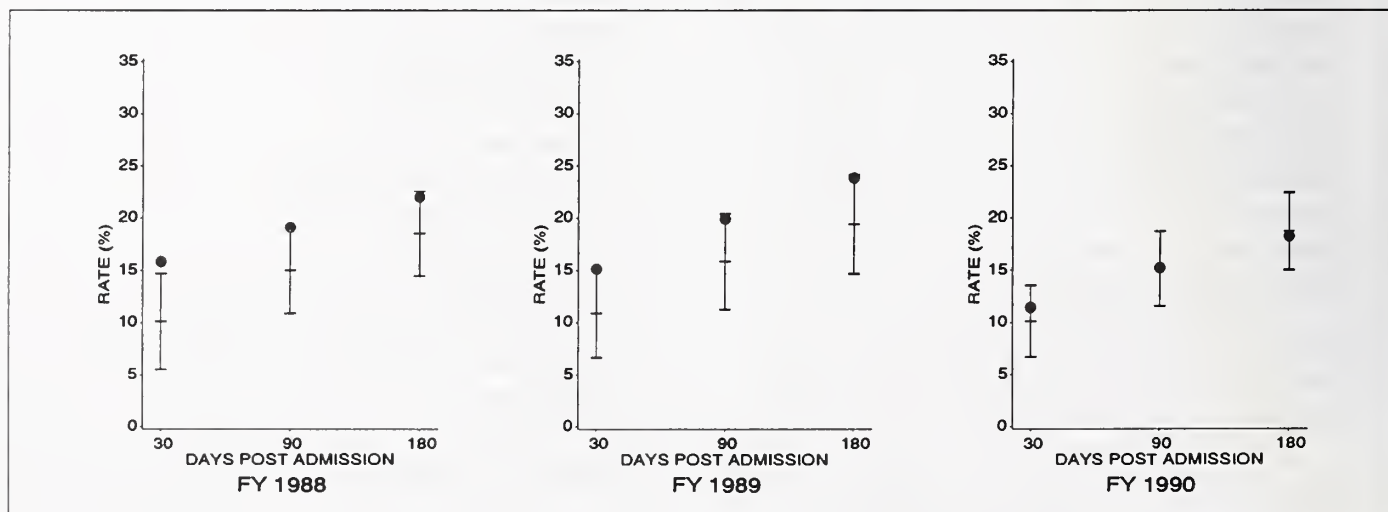
350 SOUTH OAK ST  
OAKDALE, CA 95361  
Medicare Provider Number: 050067

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 501             | 11.4                | 10.1 | 1.7  | 15.2    | 15.1 | 1.8  | 18.2     | 18.7 | 1.9  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 13              | 0.0                 | 32.2 | ---- | 15.4    | 35.3 | ---- | 23.1     | 38.2 | ---- |
| Congestive Heart Failure.....              | 32              | 15.6                | 15.3 | ---- | 28.1    | 23.8 | ---- | 31.3     | 29.7 | ---- |
| Pneumonia/Influenza.....                   | 37              | 13.5                | 15.4 | ---- | 21.6    | 20.7 | ---- | 29.7     | 24.5 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 13              | 7.7                 | 8.6  | ---- | 15.4    | 14.6 | ---- | 15.4     | 19.2 | ---- |
| Transient Cerebral Ischemia.....           | 4               | 0.0                 | 3.6  | ---- | 0.0     | 7.9  | ---- | 0.0      | 12.3 | ---- |
| Stroke.....                                | 16              | 37.5                | 21.6 | ---- | 43.8    | 30.5 | ---- | 43.8     | 35.2 | ---- |
| Hip Fracture.....                          | 10              | 10.0                | 5.4  | ---- | 10.0    | 9.4  | ---- | 10.0     | 12.6 | ---- |
| Sepsis.....                                | 17              | 35.3                | 25.4 | ---- | 35.3    | 31.8 | ---- | 35.3     | 36.3 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 4               | 0.0                 | 1.7  | ---- | 0.0     | 3.9  | ---- | 0.0      | 6.8  | ---- |
| Carotid Endarterectomy.....                | 3               | 0.0                 | 0.9  | ---- | 0.0     | 1.8  | ---- | 0.0      | 2.6  | ---- |
| Hip Replacement/Reconstruction.....        | 7               | 14.3                | 1.8  | ---- | 14.3    | 3.1  | ---- | 14.3     | 4.2  | ---- |
| Open Reduction of Hip Fracture.....        | 4               | 0.0                 | 5.5  | ---- | 0.0     | 10.1 | ---- | 0.0      | 14.0 | ---- |
| Prostatectomy.....                         | 41              | 2.4                 | 1.2  | ---- | 2.4     | 2.9  | ---- | 7.3      | 4.9  | ---- |
| Cholecystectomy.....                       | 9               | 11.1                | 3.1  | ---- | 11.1    | 4.9  | ---- | 11.1     | 5.9  | ---- |
| Hysterectomy.....                          | 7               | 0.0                 | 0.2  | ---- | 0.0     | 0.6  | ---- | 0.0      | 1.1  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# OAK VALLEY DISTRICT HOSPITAL

Medicare Provider Number: 050067

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 76.7 years  
Proportion female..... 60.5 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 50.1 %  
Transferred from skilled nursing facility..... 0.6 %  
Admitted for elective procedure..... 27.5 %  
Admitted for emergency..... 49.1 %

### COMORBIDITIES:

Cancer..... 6.2 %  
Chronic cardiovascular disease..... 40.7 %  
Chronic liver disease..... 1.6 %  
Chronic renal disease..... 2.4 %  
Chronic pulmonary disease..... 21.6 %  
Cerebrovascular degeneration..... 2.0 %  
Diabetes mellitus..... 9.0 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 76.7%  
State ..... 21.7%  
Outside State ..... 1.6%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 5.6 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 138  
Occupancy Rate ..... 80.0 %  
Ownership/Control..... District/Authority  
Medicare Discharges ..... 51.1 %  
Case Mix Index (CMI) ..... 1.2779

### STAFFING:

Total Number of Physicians..... 28  
Percent of Physicians Board  
Certified Specialists..... 75.0 %  
Medical Residents/Interns ..... 0  
Registered Nurses ..... 42  
Licensed Practical Nurses ..... 21

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# OROVILLE HOSPITAL

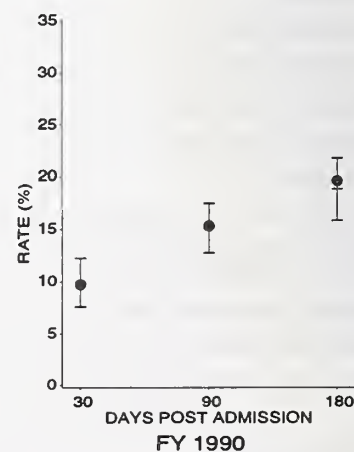
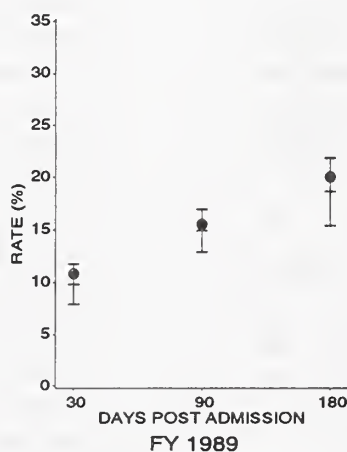
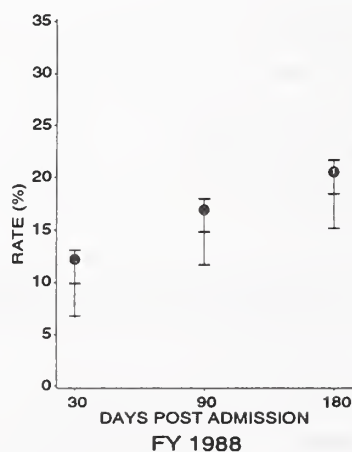
2767 OLIVE HWY  
OROVILLE, CA 95965  
Medicare Provider Number: 050030

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1263            | 9.7                 | 9.9  | 1.2   | 15.3    | 15.1 | 1.2   | 19.6     | 18.8 | 1.5   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 45              | 28.9                | 25.9 | ----- | 31.1    | 29.2 | ----- | 31.1     | 31.9 | ----- |
| Congestive Heart Failure.....              | 69              | 8.7                 | 14.0 | 6.5   | 14.5    | 22.1 | 8.0   | 23.2     | 28.3 | 7.0   |
| Pneumonia/Influenza.....                   | 72              | 11.1                | 13.1 | 4.1   | 15.3    | 18.1 | 5.3   | 15.3     | 21.5 | 6.0   |
| Chronic Obstructive Pulmonary Disease..... | 54              | 5.6                 | 5.0  | 3.0   | 7.4     | 9.4  | 4.3   | 11.1     | 13.3 | 5.2   |
| Transient Cerebral Ischemia.....           | 14              | 0.0                 | 2.2  | ----- | 0.0     | 5.2  | ----- | 0.0      | 8.7  | ----- |
| Stroke.....                                | 55              | 18.2                | 18.2 | 5.3   | 30.9    | 24.9 | 7.7   | 36.4     | 28.7 | 8.8   |
| Hip Fracture.....                          | 38              | 5.3                 | 7.2  | ----- | 13.2    | 13.0 | ----- | 13.2     | 16.9 | ----- |
| Sepsis.....                                | 35              | 17.1                | 24.7 | ----- | 31.4    | 33.8 | ----- | 37.1     | 38.8 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 7               | 0.0                 | 6.1  | ----- | 0.0     | 10.2 | ----- | 0.0      | 12.5 | ----- |
| Carotid Endarterectomy.....                | 4               | 0.0                 | 1.2  | ----- | 0.0     | 2.1  | ----- | 25.0     | 3.2  | ----- |
| Hip Replacement/Reconstruction.....        | 21              | 4.8                 | 5.4  | ----- | 19.0    | 9.9  | ----- | 19.0     | 12.8 | ----- |
| Open Reduction of Hip Fracture.....        | 25              | 4.0                 | 6.3  | ----- | 12.0    | 11.8 | ----- | 12.0     | 15.7 | ----- |
| Prostatectomy.....                         | 37              | 0.0                 | 0.5  | ----- | 0.0     | 1.1  | ----- | 0.0      | 2.0  | ----- |
| Cholecystectomy.....                       | 27              | 0.0                 | 2.0  | ----- | 0.0     | 3.8  | ----- | 11.1     | 5.2  | ----- |
| Hysterectomy.....                          | 11              | 0.0                 | 0.2  | ----- | 0.0     | 0.6  | ----- | 0.0      | 1.0  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



**OROVILLE HOSPITAL**  
Medicare Provider Number: 050030

**FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES**

**DEMOGRAPHICS:**

Average age at admission..... 74.1 years  
Proportion female..... 51.5 %

**ADMISSION SOURCES/TYPES:**

Referred by personal or HMO physician..... 37.3 %  
Transferred from skilled nursing facility..... 0.2 %  
Admitted for elective procedure..... 15.0 %  
Admitted for emergency..... 31.4 %

**COMORBIDITIES:**

Cancer..... 10.1 %  
Chronic cardiovascular disease..... 32.1 %  
Chronic liver disease..... 2.0 %  
Chronic renal disease..... 1.3 %  
Chronic pulmonary disease..... 23.0 %  
Cerebrovascular degeneration..... 5.2 %  
Diabetes mellitus..... 7.8 %

**ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\***

**ORIGIN OF MEDICARE PATIENT ADMISSION:**

County/City ..... 93.6%  
State ..... 5.6%  
Outside State ..... 0.8%  
Total ..... 100.0%

**MEDICARE AVERAGE LENGTH OF STAY:**

Hospital ..... 8.1 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

**HOSPITAL CHARACTERISTICS\***

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

**PROFILE:**

Total Beds ..... 105  
Occupancy Rate ..... 67.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 44.6 %  
Case Mix Index (CMI) ..... 1.2962

**STAFFING:**

Total Number of Physicians..... 61  
Percent of Physicians Board  
Certified Specialists..... 73.8 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 104  
Licensed Practical Nurses ..... 52

**SPECIALTY SERVICES:**

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... Yes

**OTHER SPECIALTY/HOSPITAL-BASED SERVICES:**

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# PACIFIC COAST HOSPITAL

1835 ELLIS STREET  
SAN FRANCISCO, CA 94115  
Medicare Provider Number: 050293

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 41                 | 0.0                 | 0.9  | ---- | 2.4     | 2.1  | ---- | 2.4      | 3.3  | ---- |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Congestive Heart Failure.....              | 0                  |                     |      |      |         |      |      |          |      |      |
| Pneumonia/Influenza.....                   | 0                  |                     |      |      |         |      |      |          |      |      |
| Chronic Obstructive Pulmonary Disease..... | 0                  |                     |      |      |         |      |      |          |      |      |
| Transient Cerebral Ischemia.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Stroke.....                                | 0                  |                     |      |      |         |      |      |          |      |      |
| Hip Fracture.....                          | 0                  |                     |      |      |         |      |      |          |      |      |
| Sepsis.....                                | 0                  |                     |      |      |         |      |      |          |      |      |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0                  |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 0                  |                     |      |      |         |      |      |          |      |      |
| Open Reduction of Hip Fracture.....        | 0                  |                     |      |      |         |      |      |          |      |      |
| Prostatectomy.....                         | 0                  |                     |      |      |         |      |      |          |      |      |
| Cholecystectomy.....                       | 0                  |                     |      |      |         |      |      |          |      |      |
| Hysterectomy.....                          | 0                  |                     |      |      |         |      |      |          |      |      |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES

No Graphs are presented when the standard deviation  
was not computed for one or more of the three fiscal years,  
(1988, 1989, or 1990)



# PACIFIC COAST HOSPITAL

Medicare Provider Number: 050293

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 66.5 years  
Proportion female..... 63.4 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 97.6 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 70.7 %  
Admitted for emergency..... 0.0 %

### COMORBIDITIES:

Cancer..... 0.0 %  
Chronic cardiovascular disease..... 0.0 %  
Chronic liver disease..... 0.0 %  
Chronic renal disease..... 0.0 %  
Chronic pulmonary disease..... 0.0 %  
Cerebrovascular degeneration..... 0.0 %  
Diabetes mellitus..... 19.5 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 66.6%  
State..... 31.6%  
Outside State..... 1.8%  
Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 6.8 Days  
State..... 7.1 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1989

### PROFILE:

Total Beds..... 28  
Ownership/Control..... Private, Non-Profit  
Case Mix Index (CMI)..... 0.9420

### STAFFING:

Medical Residents/Interns..... 15  
Registered Nurses..... 9  
Licensed Practical Nurses..... 0

### SPECIALTY SERVICES:

Burn Unit..... No  
Coronary Care Unit..... No  
Hospice Care..... No  
Intensive Care Unit..... No  
Organ Transplant..... No  
Trauma Center..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... No  
Rehabilitation..... No  
Psychiatric..... No  
Medicare Swing Beds..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# PACIFIC PRESBYTERIAN HOSPITAL

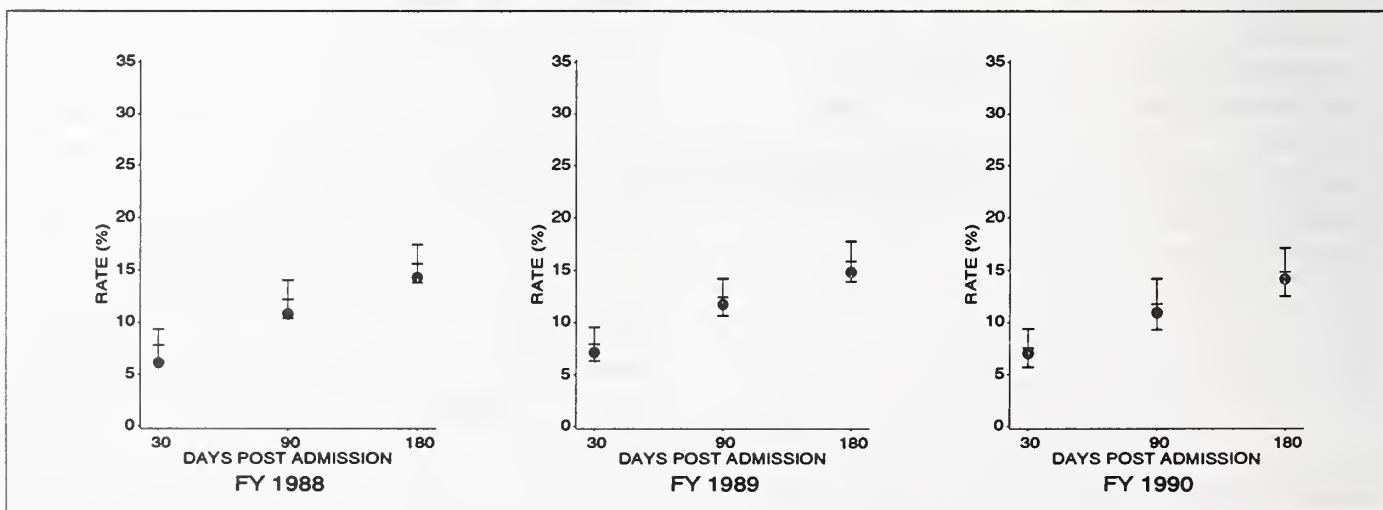
2333 BUCHANAN STREET  
SAN FRANCISCO, CA 94115  
Medicare Provider Number: 050047

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 2099            | 7.0                 | 7.5  | 0.9   | 10.9    | 11.7 | 1.2   | 14.1     | 14.8 | 1.2   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 45              | 15.6                | 21.3 | ----- | 15.6    | 24.8 | ----- | 20.0     | 27.8 | ----- |
| Congestive Heart Failure.....              | 86              | 18.6                | 14.7 | 4.9   | 29.1    | 22.7 | 6.3   | 32.6     | 28.5 | 5.6   |
| Pneumonia/Influenza.....                   | 65              | 6.2                 | 14.5 | 5.4   | 7.7     | 20.3 | 6.9   | 15.4     | 24.1 | 6.5   |
| Chronic Obstructive Pulmonary Disease..... | 34              | 0.0                 | 6.1  | ----- | 8.8     | 11.2 | ----- | 14.7     | 15.5 | ----- |
| Transient Cerebral Ischemia.....           | 18              | 0.0                 | 1.5  | ----- | 0.0     | 3.5  | ----- | 11.1     | 6.0  | ----- |
| Stroke.....                                | 70              | 25.7                | 20.8 | 5.6   | 30.0    | 26.6 | 5.6   | 35.7     | 30.3 | 6.3   |
| Hip Fracture.....                          | 35              | 0.0                 | 6.5  | ----- | 5.7     | 11.6 | ----- | 14.3     | 15.3 | ----- |
| Sepsis.....                                | 18              | 22.2                | 17.4 | ----- | 33.3    | 23.4 | ----- | 33.3     | 27.5 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 59              | 0.0                 | 1.9  | 2.7   | 1.7     | 2.7  | 2.7   | 1.7      | 3.6  | 4.0   |
| Coronary Artery Bypass Graft.....          | 54              | 5.6                 | 5.1  | 3.2   | 9.3     | 7.4  | 4.0   | 9.3      | 8.7  | 4.2   |
| Initial Pacemaker Insertion.....           | 17              | 0.0                 | 2.0  | ----- | 0.0     | 4.4  | ----- | 0.0      | 6.7  | ----- |
| Carotid Endarterectomy.....                | 8               | 0.0                 | 1.2  | ----- | 0.0     | 2.2  | ----- | 0.0      | 3.4  | ----- |
| Hip Replacement/Reconstruction.....        | 61              | 0.0                 | 3.0  | 3.3   | 1.6     | 5.4  | 4.4   | 3.3      | 7.2  | 5.3   |
| Open Reduction of Hip Fracture.....        | 8               | 0.0                 | 7.3  | ----- | 12.5    | 12.9 | ----- | 25.0     | 16.7 | ----- |
| Prostatectomy.....                         | 31              | 0.0                 | 0.9  | ----- | 0.0     | 2.1  | ----- | 0.0      | 3.7  | ----- |
| Cholecystectomy.....                       | 22              | 0.0                 | 2.4  | ----- | 0.0     | 4.5  | ----- | 4.5      | 5.9  | ----- |
| Hysterectomy.....                          | 14              | 0.0                 | 1.0  | ----- | 0.0     | 2.4  | ----- | 0.0      | 3.9  | ----- |

\* The Standard Deviation (SD) Is not calculated If the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# PACIFIC PRESBYTERIAN HOSPITAL

Medicare Provider Number: 050047

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 70.6 years  
Proportion female..... 53.5 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 65.8 %  
Transferred from skilled nursing facility..... 1.1 %  
Admitted for elective procedure..... 30.8 %  
Admitted for emergency..... 11.3 %

### COMORBIDITIES:

Cancer..... 6.3 %  
Chronic cardiovascular disease..... 37.8 %  
Chronic liver disease..... 1.4 %  
Chronic renal disease..... 6.6 %  
Chronic pulmonary disease..... 12.1 %  
Cerebrovascular degeneration..... 3.6 %  
Diabetes mellitus..... 7.4 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 61.8%  
State ..... 34.8%  
Outside State ..... 3.4%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 7.5 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1988

### PROFILE:

Total Beds ..... 470  
Ownership/Control..... Private, Non-Profit  
Case Mix Index (CMI) ..... 1.5811

### STAFFING:

Medical Residents/Interns ..... 12  
Registered Nurses..... 470  
Licensed Practical Nurses ..... 52

### SPECIALTY SERVICES:

Burn Unit ..... No  
Coronary Care Unit ..... Yes  
Hospice Care ..... Yes  
Intensive Care Unit ..... Yes  
Organ Transplant ..... Yes  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... Yes  
Rehabilitation..... Yes  
Psychiatric ..... Yes  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# PALM DRIVE HOSPITAL

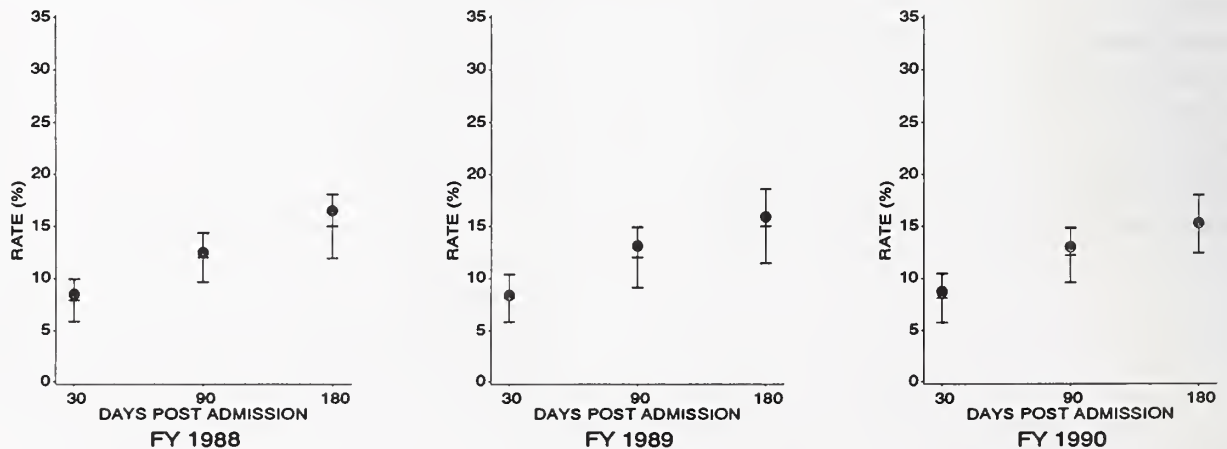
501 PETALUMA AVE  
SEBASTOPOL, CA 95472  
Medicare Provider Number: 050385

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 847                | 8.7                 | 8.1  | 1.2   | 13.0    | 12.2 | 1.3   | 15.3     | 15.2 | 1.4   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 18                 | 11.1                | 29.2 | ----- | 16.7    | 31.6 | ----- | 16.7     | 34.0 | ----- |
| Congestive Heart Failure.....              | 52                 | 19.2                | 15.6 | 7.1   | 32.7    | 24.3 | 9.6   | 32.7     | 30.9 | 8.9   |
| Pneumonia/Influenza.....                   | 57                 | 8.8                 | 14.9 | 5.8   | 8.8     | 20.1 | 7.5   | 12.3     | 23.7 | 7.8   |
| Chronic Obstructive Pulmonary Disease..... | 6                  | 0.0                 | 10.5 | ----- | 16.7    | 18.6 | ----- | 33.3     | 24.4 | ----- |
| Transient Cerebral Ischemia.....           | 8                  | 0.0                 | 1.4  | ----- | 12.5    | 3.1  | ----- | 12.5     | 5.1  | ----- |
| Stroke.....                                | 30                 | 26.7                | 19.8 | ----- | 36.7    | 26.2 | ----- | 40.0     | 29.6 | ----- |
| Hip Fracture.....                          | 30                 | 10.0                | 7.6  | ----- | 10.0    | 12.8 | ----- | 10.0     | 16.4 | ----- |
| Sepsis.....                                | 10                 | 10.0                | 20.0 | ----- | 40.0    | 27.9 | ----- | 40.0     | 32.2 | ----- |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 5                  | 0.0                 | 8.5  | ----- | 0.0     | 13.5 | ----- | 0.0      | 16.9 | ----- |
| Carotid Endarterectomy.....                | 9                  | 0.0                 | 2.4  | ----- | 0.0     | 4.3  | ----- | 0.0      | 5.8  | ----- |
| Hip Replacement/Reconstruction.....        | 34                 | 5.9                 | 3.2  | ----- | 5.9     | 5.7  | ----- | 5.9      | 7.7  | ----- |
| Open Reduction of Hip Fracture.....        | 12                 | 8.3                 | 9.1  | ----- | 8.3     | 15.4 | ----- | 8.3      | 19.3 | ----- |
| Prostatectomy.....                         | 35                 | 0.0                 | 0.5  | ----- | 0.0     | 1.3  | ----- | 0.0      | 2.2  | ----- |
| Cholecystectomy.....                       | 23                 | 4.3                 | 1.9  | ----- | 4.3     | 3.6  | ----- | 8.7      | 5.2  | ----- |
| Hysterectomy.....                          | 6                  | 0.0                 | 0.1  | ----- | 0.0     | 0.3  | ----- | 0.0      | 0.6  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# PALM DRIVE HOSPITAL

Medicare Provider Number: 050385

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 75.7 years  
Proportion female..... 54.7 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 44.6 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 24.2 %  
Admitted for emergency..... 55.3 %

### COMORBIDITIES:

Cancer..... 4.7 %  
Chronic cardiovascular disease..... 37.4 %  
Chronic liver disease..... 0.5 %  
Chronic renal disease..... 2.0 %  
Chronic pulmonary disease..... 15.9 %  
Cerebrovascular degeneration..... 3.1 %  
Diabetes mellitus..... 4.4 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 90.8%  
State ..... 7.3%  
Outside State ..... 1.9%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 5.1 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 56  
Occupancy Rate ..... 48.0 %  
Ownership/Control..... Private, For Profit  
Medicare Discharges ..... 53.8 %  
Case Mix Index (CMI) ..... 1.2248

### STAFFING:

Total Number of Physicians..... 46  
Percent of Physicians Board  
Certified Specialists ..... 76.1 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 65  
Licensed Practical Nurses..... 7

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# PENINSULA HOSPITAL

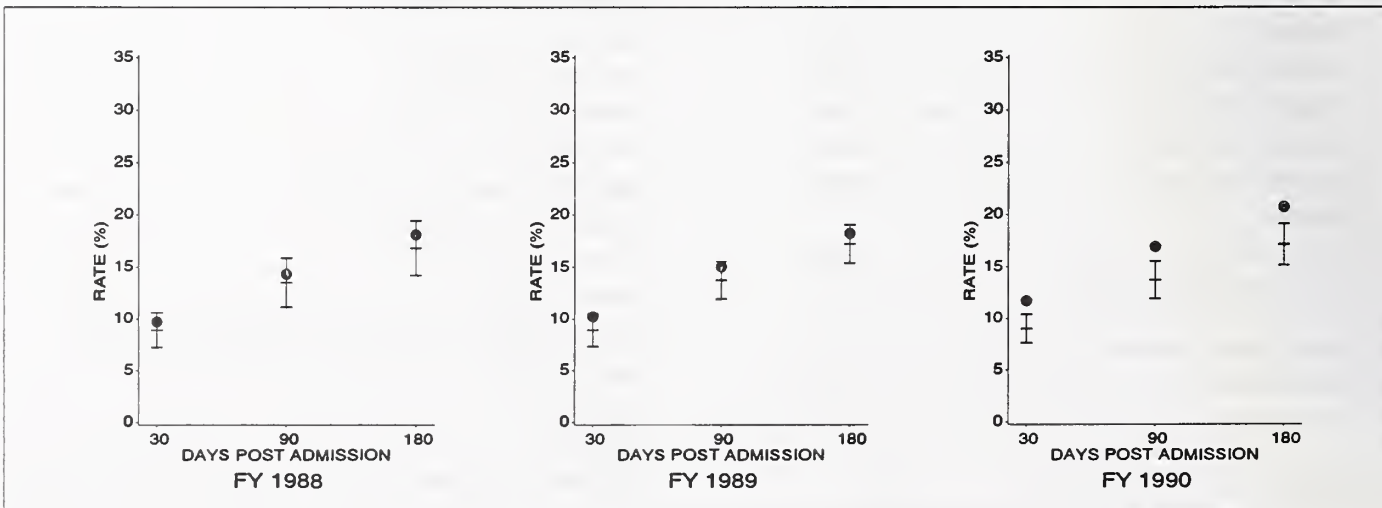
1783 EL CAMINO REAL  
BURLINGAME, CA 94010  
Medicare Provider Number: 050007

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1895            | 11.7                | 9.0  | 0.7   | 16.9    | 13.7 | 0.9   | 20.7     | 17.1 | 1.0   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 62              | 21.0                | 25.8 | 6.9   | 22.6    | 28.6 | 7.8   | 25.8     | 31.3 | 8.4   |
| Congestive Heart Failure.....              | 105             | 10.5                | 15.8 | 5.3   | 22.9    | 24.5 | 4.8   | 28.6     | 30.5 | 4.7   |
| Pneumonia/Influenza.....                   | 73              | 16.4                | 12.2 | 4.7   | 21.9    | 17.2 | 6.9   | 27.4     | 20.8 | 8.1   |
| Chronic Obstructive Pulmonary Disease..... | 19              | 15.8                | 7.0  | ----- | 15.8    | 12.3 | ----- | 26.3     | 16.4 | ----- |
| Transient Cerebral Ischemia.....           | 22              | 0.0                 | 1.1  | ----- | 0.0     | 2.7  | ----- | 9.1      | 4.4  | ----- |
| Stroke.....                                | 120             | 26.7                | 19.4 | 4.8   | 38.3    | 26.0 | 6.4   | 45.0     | 29.9 | 7.3   |
| Hip Fracture.....                          | 61              | 6.6                 | 5.3  | 3.1   | 11.5    | 9.7  | 4.1   | 13.1     | 12.9 | 4.5   |
| Sepsis.....                                | 28              | 32.1                | 22.3 | ----- | 46.4    | 28.7 | ----- | 46.4     | 32.9 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 49              | 2.0                 | 3.5  | ----- | 2.0     | 4.4  | ----- | 6.1      | 5.4  | ----- |
| Coronary Artery Bypass Graft.....          | 53              | 3.8                 | 5.9  | 3.5   | 3.8     | 8.7  | 4.6   | 9.4      | 10.0 | 5.5   |
| Initial Pacemaker Insertion.....           | 17              | 5.9                 | 3.1  | ----- | 5.9     | 6.3  | ----- | 11.8     | 9.3  | ----- |
| Carotid Endarterectomy.....                | 9               | 0.0                 | 1.0  | ----- | 0.0     | 1.9  | ----- | 0.0      | 2.7  | ----- |
| Hip Replacement/Reconstruction.....        | 43              | 7.0                 | 2.6  | ----- | 14.0    | 4.9  | ----- | 16.3     | 6.7  | ----- |
| Open Reduction of Hip Fracture.....        | 37              | 2.7                 | 4.9  | ----- | 2.7     | 9.5  | ----- | 5.4      | 13.0 | ----- |
| Prostatectomy.....                         | 65              | 3.1                 | 0.8  | 2.0   | 4.6     | 1.9  | 2.6   | 4.6      | 3.2  | 3.0   |
| Cholecystectomy.....                       | 24              | 0.0                 | 2.0  | ----- | 0.0     | 3.6  | ----- | 0.0      | 4.8  | ----- |
| Hysterectomy.....                          | 15              | 0.0                 | 0.3  | ----- | 0.0     | 0.8  | ----- | 0.0      | 1.3  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# PENINSULA HOSPITAL

Medicare Provider Number: 050007

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 75.4 years  
 Proportion female..... 55.1 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 44.9 %  
 Transferred from skilled nursing facility..... 2.5 %  
 Admitted for elective procedure..... 25.5 %  
 Admitted for emergency..... 6.0 %

### COMORBIDITIES:

Cancer..... 8.1 %  
 Chronic cardiovascular disease..... 31.3 %  
 Chronic liver disease..... 1.5 %  
 Chronic renal disease..... 3.3 %  
 Chronic pulmonary disease..... 11.2 %  
 Cerebrovascular degeneration..... 4.4 %  
 Diabetes mellitus..... 4.4 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 85.7%  
 State ..... 11.0%  
 Outside State ..... 3.3%  
 Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 7.7 Days  
 State ..... 7.1 Days  
 National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1988

### PROFILE:

Total Beds ..... 402  
 Ownership/Control..... District/Authority  
 Case Mix Index (CMI) ..... 1.4633

### STAFFING:

Medical Residents/Interns ..... 0  
 Registered Nurses..... 298  
 Licensed Practical Nurses ..... 33

### SPECIALTY SERVICES:

Burn Unit ..... No  
 Coronary Care Unit ..... Yes  
 Hospice Care ..... No  
 Intensive Care Unit ..... Yes  
 Organ Transplant ..... No  
 Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... Yes  
 Rehabilitation..... Yes  
 Psychiatric ..... Yes  
 Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# PETALUMA VALLEY HOSPITAL

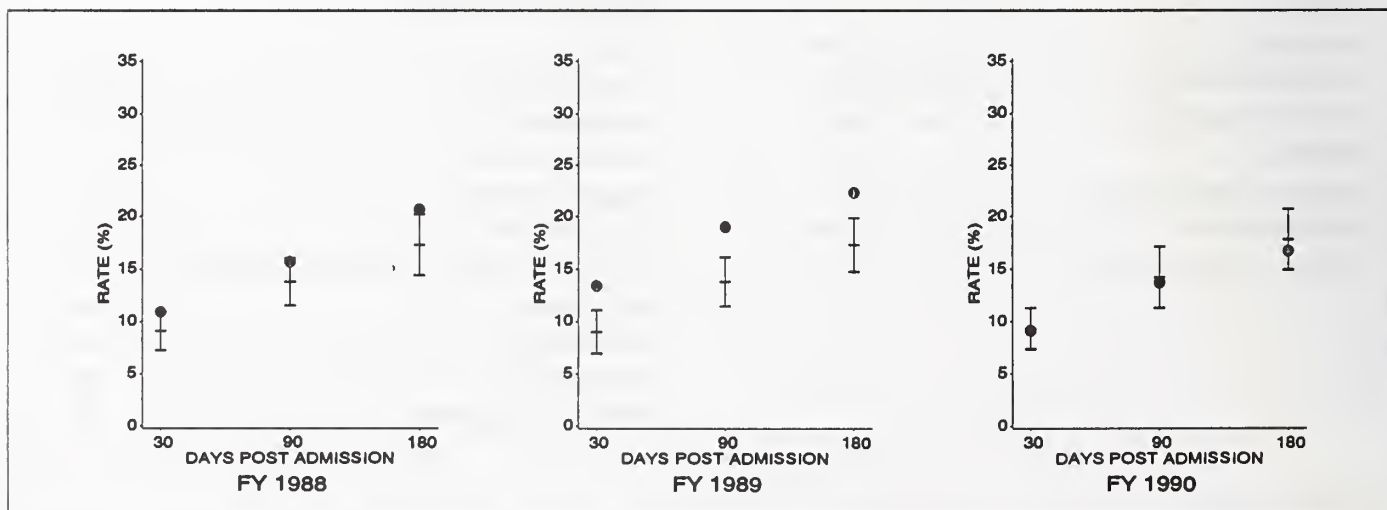
400 N MCDOWELL BLVD  
PETALUMA, CA 94952  
Medicare Provider Number: 050136

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 944             | 9.1                 | 9.3  | 1.0   | 13.7    | 14.2 | 1.5   | 16.7     | 17.8 | 1.5   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 39              | 17.9                | 25.7 | ----- | 17.9    | 29.2 | ----- | 20.5     | 31.9 | ----- |
| Congestive Heart Failure.....              | 49              | 10.2                | 13.8 | ----- | 20.4    | 21.5 | ----- | 32.7     | 27.3 | ----- |
| Pneumonia/Influenza.....                   | 46              | 17.4                | 14.2 | ----- | 17.4    | 20.0 | ----- | 19.6     | 24.1 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 16              | 6.3                 | 8.7  | ----- | 6.3     | 16.2 | ----- | 12.5     | 21.6 | ----- |
| Transient Cerebral Ischemia.....           | 10              | 0.0                 | 2.2  | ----- | 0.0     | 4.6  | ----- | 0.0      | 7.2  | ----- |
| Stroke.....                                | 45              | 8.9                 | 18.3 | ----- | 20.0    | 24.4 | ----- | 22.2     | 28.3 | ----- |
| Hip Fracture.....                          | 26              | 3.8                 | 6.5  | ----- | 15.4    | 11.9 | ----- | 19.2     | 15.9 | ----- |
| Sepsis.....                                | 20              | 25.0                | 21.8 | ----- | 25.0    | 29.4 | ----- | 30.0     | 34.0 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 17              | 5.9                 | 3.8  | ----- | 5.9     | 7.5  | ----- | 5.9      | 10.5 | ----- |
| Carotid Endarterectomy.....                | 3               | 0.0                 | 0.8  | ----- | 0.0     | 1.6  | ----- | 0.0      | 2.5  | ----- |
| Hip Replacement/Reconstruction.....        | 23              | 4.3                 | 3.2  | ----- | 13.0    | 6.4  | ----- | 13.0     | 8.9  | ----- |
| Open Reduction of Hip Fracture.....        | 9               | 11.1                | 7.9  | ----- | 11.1    | 14.5 | ----- | 22.2     | 19.9 | ----- |
| Prostatectomy.....                         | 29              | 0.0                 | 0.7  | ----- | 0.0     | 1.7  | ----- | 6.9      | 2.9  | ----- |
| Cholecystectomy.....                       | 17              | 5.9                 | 1.8  | ----- | 5.9     | 2.9  | ----- | 5.9      | 3.6  | ----- |
| Hysterectomy.....                          | 12              | 0.0                 | 0.8  | ----- | 0.0     | 1.8  | ----- | 0.0      | 2.9  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# PETALUMA VALLEY HOSPITAL

Medicare Provider Number: 050136

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 76.4 years |
| Proportion female.....        | 59.1 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 33.7 % |
| Transferred from skilled nursing facility..... | 5.3 %  |
| Admitted for elective procedure.....           | 25.2 % |
| Admitted for emergency.....                    | 9.7 %  |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 7.3 %  |
| Chronic cardiovascular disease..... | 35.3 % |
| Chronic liver disease.....          | 0.5 %  |
| Chronic renal disease.....          | 1.7 %  |
| Chronic pulmonary disease.....      | 17.1 % |
| Cerebrovascular degeneration.....   | 4.7 %  |
| Diabetes mellitus.....              | 6.4 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City.....    | 90.7%  |
| State .....         | 7.6%   |
| Outside State ..... | 1.7%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 5.1 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1983

### PROFILE:

|                            |                    |
|----------------------------|--------------------|
| Total Beds .....           | 97                 |
| Ownership/Control.....     | District/Authority |
| Case Mix Index (CMI) ..... | 1.3238             |

### STAFFING:

|                                 |     |
|---------------------------------|-----|
| Medical Residents/Interns ..... | 0   |
| Registered Nurses.....          | 100 |
| Licensed Practical Nurses.....  | 15  |

### SPECIALTY SERVICES:

|                           |     |
|---------------------------|-----|
| Burn Unit .....           | No  |
| Coronary Care Unit .....  | Yes |
| Hospice Care .....        | No  |
| Intensive Care Unit ..... | Yes |
| Organ Transplant .....    | No  |
| Trauma Center .....       | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |    |
|---------------------------|----|
| Alcohol/Drug .....        | No |
| Rehabilitation.....       | No |
| Psychiatric .....         | No |
| Medicare Swing Beds ..... | No |

\*\* Except for CMI

\* Not used in calculating mortality rates

# PHYSICIANS COMMUNITY HOSPITAL

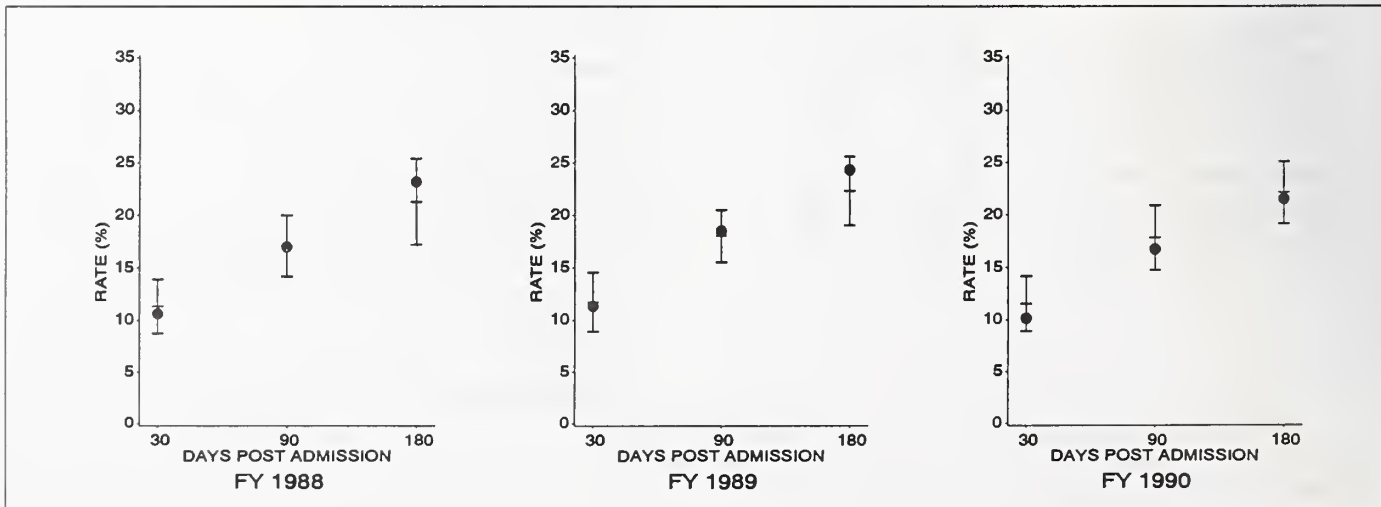
2800 BENEDICT DR  
SAN LEANDRO, CA 94577  
Medicare Provider Number: 050143

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 840                | 10.1                | 11.5 | 1.3   | 16.7    | 17.8 | 1.6   | 21.5     | 22.1 | 1.5   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 19                 | 10.5                | 35.9 | ----- | 10.5    | 41.3 | ----- | 10.5     | 44.6 | ----- |
| Congestive Heart Failure.....              | 54                 | 18.5                | 14.8 | 6.3   | 24.1    | 24.6 | 6.8   | 29.6     | 31.2 | 6.6   |
| Pneumonia/Influenza.....                   | 41                 | 14.6                | 15.0 | ----- | 22.0    | 20.6 | ----- | 22.0     | 23.9 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 6                  | 0.0                 | 8.7  | ----- | 33.3    | 15.0 | ----- | 33.3     | 19.9 | ----- |
| Transient Cerebral Ischemia.....           | 8                  | 0.0                 | 1.2  | ----- | 0.0     | 2.9  | ----- | 0.0      | 4.6  | ----- |
| Stroke.....                                | 28                 | 17.9                | 17.7 | ----- | 21.4    | 24.5 | ----- | 21.4     | 28.1 | ----- |
| Hip Fracture.....                          | 14                 | 0.0                 | 10.0 | ----- | 7.1     | 18.3 | ----- | 14.3     | 23.8 | ----- |
| Sepsis.....                                | 14                 | 7.1                 | 27.1 | ----- | 28.6    | 34.9 | ----- | 35.7     | 39.3 | ----- |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 12                 | 8.3                 | 3.9  | ----- | 8.3     | 7.5  | ----- | 16.7     | 10.7 | ----- |
| Carotid Endarterectomy.....                | 1                  | 0.0                 | 1.1  | ----- | 0.0     | 1.8  | ----- | 0.0      | 2.5  | ----- |
| Hip Replacement/Reconstruction.....        | 8                  | 0.0                 | 4.3  | ----- | 12.5    | 7.5  | ----- | 25.0     | 9.6  | ----- |
| Open Reduction of Hip Fracture.....        | 7                  | 0.0                 | 10.9 | ----- | 0.0     | 21.6 | ----- | 0.0      | 28.8 | ----- |
| Prostatectomy.....                         | 10                 | 0.0                 | 1.0  | ----- | 0.0     | 2.1  | ----- | 0.0      | 3.5  | ----- |
| Cholecystectomy.....                       | 24                 | 12.5                | 1.8  | ----- | 12.5    | 3.3  | ----- | 16.7     | 4.2  | ----- |
| Hysterectomy.....                          | 4                  | 0.0                 | 0.2  | ----- | 0.0     | 0.4  | ----- | 0.0      | 0.8  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# PHYSICIANS COMMUNITY HOSPITAL

Medicare Provider Number: 050143

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 74.1 years  
Proportion female..... 60.9 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 39.5 %  
Transferred from skilled nursing facility..... 2.9 %  
Admitted for elective procedure..... 2.0 %  
Admitted for emergency..... 45.8 %

### COMORBIDITIES:

Cancer..... 10.5 %  
Chronic cardiovascular disease..... 31.2 %  
Chronic liver disease..... 2.1 %  
Chronic renal disease..... 12.6 %  
Chronic pulmonary disease..... 17.6 %  
Cerebrovascular degeneration..... 4.8 %  
Diabetes mellitus..... 8.7 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 91.4%  
State ..... 6.9%  
Outside State ..... 1.7%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 5.8 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1985

### PROFILE:

Total Beds ..... 142  
Ownership/Control..... Private, Non-Profit  
Case Mix Index (CMI) ..... 1.3907

### STAFFING:

Medical Residents/Interns ..... 1  
Registered Nurses ..... 144  
Licensed Practical Nurses ..... 50

### SPECIALTY SERVICES:

Burn Unit ..... No  
Coronary Care Unit ..... No  
Hospice Care ..... No  
Intensive Care Unit ..... Yes  
Organ Transplant ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation ..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# PLUMAS DISTRICT HOSPITAL

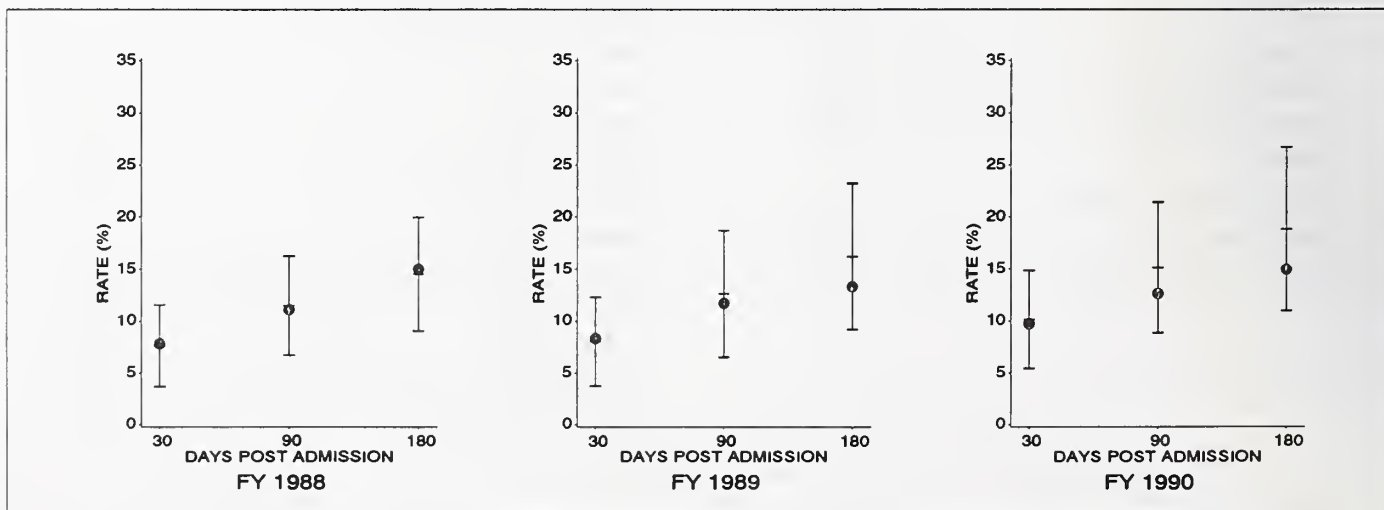
1065 BUCKS LAKE RD  
QUINCY, CA 95971  
Medicare Provider Number: 050148

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 175             | 9.7                 | 10.1 | 2.4  | 12.6    | 15.1 | 3.1  | 14.9     | 18.8 | 3.9  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 5               | 40.0                | 14.1 | ---- | 40.0    | 17.6 | ---- | 40.0     | 21.0 | ---- |
| Congestive Heart Failure.....              | 12              | 8.3                 | 15.8 | ---- | 16.7    | 25.6 | ---- | 25.0     | 32.3 | ---- |
| Pneumonia/Influenza.....                   | 20              | 5.0                 | 14.8 | ---- | 15.0    | 21.1 | ---- | 15.0     | 25.4 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 3               | 0.0                 | 5.0  | ---- | 33.3    | 9.1  | ---- | 33.3     | 12.9 | ---- |
| Transient Cerebral Ischemia.....           | 2               | 0.0                 | 2.3  | ---- | 0.0     | 5.9  | ---- | 0.0      | 10.1 | ---- |
| Stroke.....                                | 8               | 12.5                | 18.0 | ---- | 12.5    | 27.4 | ---- | 12.5     | 33.3 | ---- |
| Hip Fracture.....                          | 9               | 0.0                 | 7.0  | ---- | 0.0     | 13.4 | ---- | 11.1     | 18.0 | ---- |
| Sepsis.....                                | 2               | 0.0                 | 17.3 | ---- | 0.0     | 24.4 | ---- | 0.0      | 28.1 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0               |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 3               | 0.0                 | 2.5  | ---- | 0.0     | 4.8  | ---- | 0.0      | 6.4  | ---- |
| Open Reduction of Hip Fracture.....        | 5               | 0.0                 | 6.4  | ---- | 0.0     | 12.7 | ---- | 20.0     | 17.8 | ---- |
| Prostatectomy.....                         | 2               | 0.0                 | 0.8  | ---- | 0.0     | 2.2  | ---- | 0.0      | 4.2  | ---- |
| Cholecystectomy.....                       | 3               | 0.0                 | 1.1  | ---- | 0.0     | 1.8  | ---- | 0.0      | 2.5  | ---- |
| Hysterectomy.....                          | 0               |                     |      |      |         |      |      |          |      |      |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# PLUMAS DISTRICT HOSPITAL

Medicare Provider Number: 050148

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 76.1 years |
| Proportion female.....        | 53.7 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 53.1 % |
| Transferred from skilled nursing facility..... | 0.0 %  |
| Admitted for elective procedure.....           | 0.0 %  |
| Admitted for emergency.....                    | 0.6 %  |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 6.3 %  |
| Chronic cardiovascular disease..... | 28.0 % |
| Chronic liver disease.....          | 1.1 %  |
| Chronic renal disease.....          | 1.1 %  |
| Chronic pulmonary disease.....      | 21.1 % |
| Cerebrovascular degeneration.....   | 12.0 % |
| Diabetes mellitus.....              | 4.6 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 88.7%  |
| State .....         | 10.5%  |
| Outside State ..... | 0.8%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 3.8 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                    |
|----------------------------|--------------------|
| Total Beds .....           | 32                 |
| Occupancy Rate .....       | 21.0 %             |
| Ownership/Control.....     | District/Authority |
| Medicare Discharges .....  | 50.7 %             |
| Case Mix Index (CMI) ..... | 1.1145             |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 8      |
| Percent of Physicians Board<br>Certified Specialists ..... | 50.0 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 15     |
| Licensed Practical Nurses .....                            | 12     |

### SPECIALTY SERVICES:

|                                       |    |
|---------------------------------------|----|
| Burn Unit .....                       | No |
| Cardiac Intensive Care .....          | No |
| Comprehensive Geriatric .....         | No |
| Hospice Care .....                    | No |
| Medical/Surgical Intensive Care ..... | No |
| Organ/Tissue Transplant .....         | No |
| Other Intensive Care .....            | No |
| Trauma Center .....                   | No |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | No  |
| Psychiatric .....         | No  |
| Medicare Swing Beds ..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# PORTERVILLE DEVELOPMENTAL CENTER

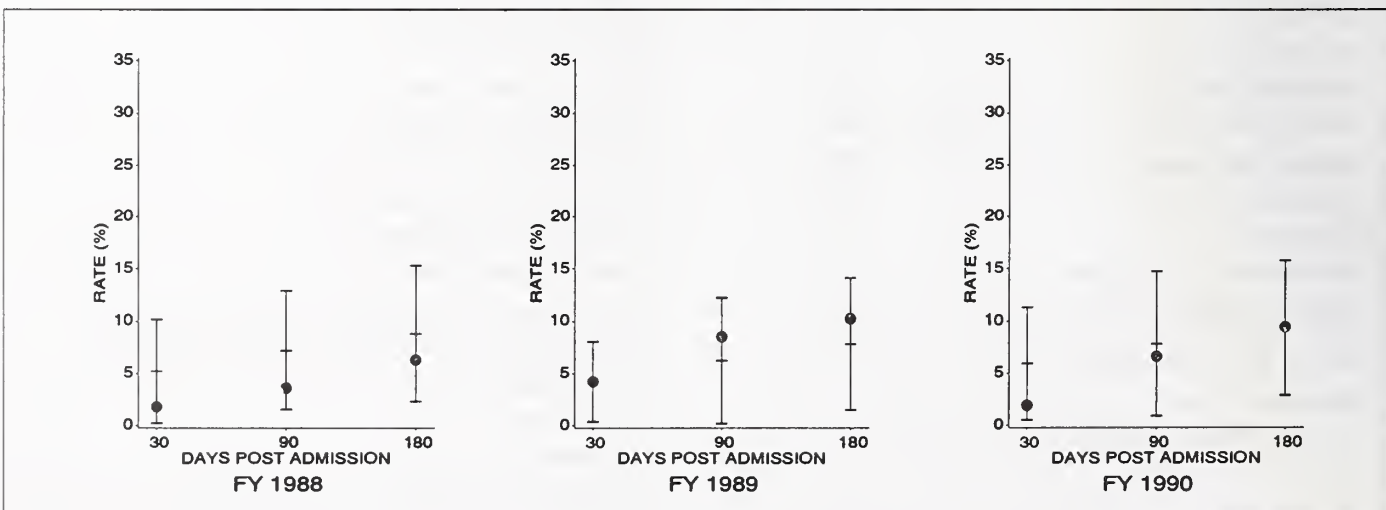
26501 AVENUE 140  
PORTERVILLE, CA 93258  
Medicare Provider Number: 050546

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 106                | 1.9                 | 5.9  | 2.7   | 6.6     | 7.8  | 3.5   | 9.4      | 9.3  | 3.2   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 0                  |                     |      |       |         |      |       |          |      |       |
| Congestive Heart Failure.....              | 0                  |                     |      |       |         |      |       |          |      |       |
| Pneumonia/Influenza.....                   | 20                 | 5.0                 | 6.4  | ----- | 5.0     | 8.4  | ----- | 10.0     | 10.1 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 0                  |                     |      |       |         |      |       |          |      |       |
| Transient Cerebral Ischemia.....           | 0                  |                     |      |       |         |      |       |          |      |       |
| Stroke.....                                | 0                  |                     |      |       |         |      |       |          |      |       |
| Hip Fracture.....                          | 0                  |                     |      |       |         |      |       |          |      |       |
| Sepsis.....                                | 1                  | 0.0                 | 19.7 | ----- | 0.0     | 34.3 | ----- | 100.0    | 41.6 | ----- |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0                  |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 0                  |                     |      |       |         |      |       |          |      |       |
| Open Reduction of Hip Fracture.....        | 0                  |                     |      |       |         |      |       |          |      |       |
| Prostatectomy.....                         | 0                  |                     |      |       |         |      |       |          |      |       |
| Cholecystectomy.....                       | 0                  |                     |      |       |         |      |       |          |      |       |
| Hysterectomy.....                          | 0                  |                     |      |       |         |      |       |          |      |       |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# PORTERVILLE DEVELOPMENTAL CENTER

Medicare Provider Number: 050546

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 42.8 years  
Proportion female..... 33.0 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 0.0 %  
Transferred from skilled nursing facility..... 5.7 %  
Admitted for elective procedure..... 0.0 %  
Admitted for emergency..... 73.6 %

### COMORBIDITIES:

Cancer..... 0.9 %  
Chronic cardiovascular disease..... 3.8 %  
Chronic liver disease..... 0.0 %  
Chronic renal disease..... 1.9 %  
Chronic pulmonary disease..... 2.8 %  
Cerebrovascular degeneration..... 0.9 %  
Diabetes mellitus..... 2.8 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 95.4%  
State ..... 4.6%  
Outside State ..... 0.0%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 10.6 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 1234  
Ownership/Control..... State Government  
Case Mix Index (CMI) ..... 0.8479

### STAFFING:

Medical Residents/Interns ..... 4  
Registered Nurses ..... 26  
Licensed Practical Nurses ..... 5

### SPECIALTY SERVICES:

Burn Unit ..... No  
Coronary Care Unit ..... No  
Hospice Care ..... No  
Intensive Care Unit ..... No  
Organ Transplant ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation ..... Yes  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# PROVIDENCE HOSPITAL

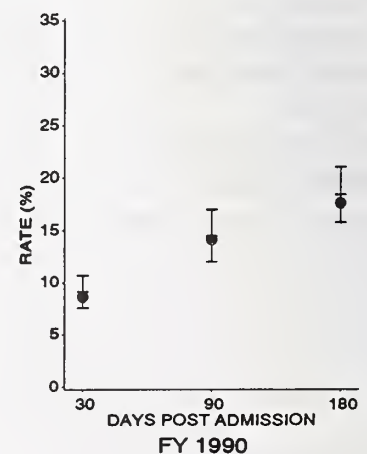
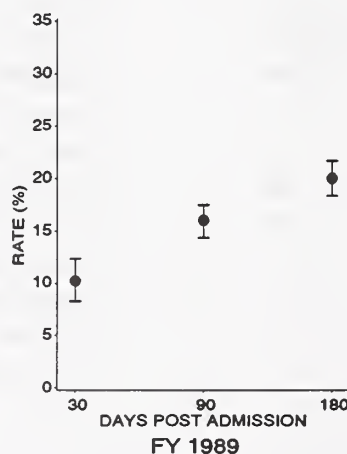
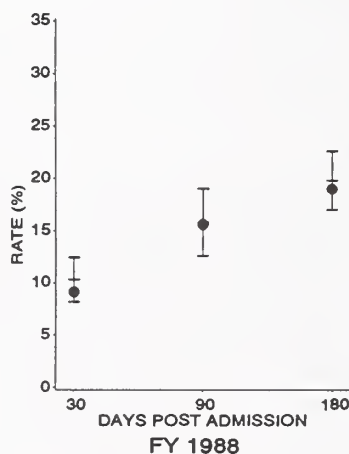
3012 SUMMIT ST  
OAKLAND, CA 94623  
Medicare Provider Number: 050053

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 2602               | 8.6                 | 9.1  | 0.8   | 14.1    | 14.5 | 1.3   | 17.6     | 18.4 | 1.3   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 54                 | 33.3                | 25.4 | 8.7   | 37.0    | 28.5 | 8.7   | 40.7     | 31.4 | 9.2   |
| Congestive Heart Failure.....              | 162                | 9.3                 | 13.4 | 4.4   | 16.7    | 21.6 | 6.0   | 21.6     | 27.6 | 6.1   |
| Pneumonia/Influenza.....                   | 128                | 17.2                | 13.5 | 5.8   | 24.2    | 18.7 | 7.8   | 28.1     | 22.2 | 7.9   |
| Chronic Obstructive Pulmonary Disease..... | 29                 | 13.8                | 6.2  | ----- | 17.2    | 11.7 | ----- | 27.6     | 16.0 | ----- |
| Transient Cerebral Ischemia.....           | 23                 | 0.0                 | 2.1  | ----- | 4.3     | 4.8  | ----- | 8.7      | 7.7  | ----- |
| Stroke.....                                | 128                | 18.0                | 18.5 | 3.5   | 23.4    | 25.4 | 4.3   | 25.0     | 29.5 | 5.6   |
| Hip Fracture.....                          | 56                 | 5.4                 | 6.2  | 3.5   | 16.1    | 11.1 | 5.4   | 21.4     | 14.7 | 7.3   |
| Sepsis.....                                | 51                 | 29.4                | 20.0 | 8.2   | 31.4    | 27.8 | 7.9   | 37.3     | 32.6 | 8.1   |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 19                 | 0.0                 | 2.4  | ----- | 0.0     | 4.9  | ----- | 0.0      | 7.5  | ----- |
| Carotid Endarterectomy.....                | 8                  | 0.0                 | 1.6  | ----- | 12.5    | 3.0  | ----- | 12.5     | 4.3  | ----- |
| Hip Replacement/Reconstruction.....        | 51                 | 2.0                 | 3.0  | 2.5   | 5.9     | 5.4  | 3.5   | 9.8      | 7.3  | 4.7   |
| Open Reduction of Hip Fracture.....        | 26                 | 3.8                 | 5.1  | ----- | 19.2    | 9.3  | ----- | 23.1     | 12.4 | ----- |
| Prostatectomy.....                         | 114                | 0.0                 | 0.6  | 1.1   | 1.8     | 1.4  | 1.2   | 1.8      | 2.5  | 2.4   |
| Cholecystectomy.....                       | 33                 | 3.0                 | 2.4  | ----- | 3.0     | 4.9  | ----- | 9.1      | 6.9  | ----- |
| Hysterectomy.....                          | 9                  | 0.0                 | 0.4  | ----- | 0.0     | 1.0  | ----- | 0.0      | 1.6  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# PROVIDENCE HOSPITAL

Medicare Provider Number: 050053

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 75.2 years |
| Proportion female.....        | 61.1 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 50.5 % |
| Transferred from skilled nursing facility..... | 0.5 %  |
| Admitted for elective procedure.....           | 17.6 % |
| Admitted for emergency.....                    | 2.2 %  |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 8.3 %  |
| Chronic cardiovascular disease..... | 27.6 % |
| Chronic liver disease.....          | 1.0 %  |
| Chronic renal disease.....          | 5.5 %  |
| Chronic pulmonary disease.....      | 13.8 % |
| Cerebrovascular degeneration.....   | 5.7 %  |
| Diabetes mellitus.....              | 10.4 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                    |        |
|--------------------|--------|
| County/City.....   | 88.9%  |
| State.....         | 9.8%   |
| Outside State..... | 1.3%   |
| Total.....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|               |          |
|---------------|----------|
| Hospital..... | 6.9 Days |
| State.....    | 7.1 Days |
| National..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                           |        |
|---------------------------|--------|
| Total Beds.....           | 223    |
| Occupancy Rate.....       | 61.0 % |
| Ownership/Control.....    | Church |
| Medicare Discharges.....  | 57.1 % |
| Case Mix Index (CMI)..... | 1.2807 |

### STAFFING:

|                                                           |        |
|-----------------------------------------------------------|--------|
| Total Number of Physicians.....                           | 309    |
| Percent of Physicians Board<br>Certified Specialists..... | 85.1 % |
| Medical Residents/Interns.....                            | 0      |
| Registered Nurses.....                                    | 203    |
| Licensed Practical Nurses.....                            | 36     |

### SPECIALTY SERVICES:

|                                      |     |
|--------------------------------------|-----|
| Burn Unit.....                       | No  |
| Cardiac Intensive Care.....          | Yes |
| Comprehensive Geriatric.....         | No  |
| Hospice Care.....                    | No  |
| Medical/Surgical Intensive Care..... | Yes |
| Organ/Tissue Transplant.....         | No  |
| Other Intensive Care.....            | No  |
| Trauma Center.....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                          |     |
|--------------------------|-----|
| Alcohol/Drug.....        | No  |
| Rehabilitation.....      | No  |
| Psychiatric.....         | Yes |
| Medicare Swing Beds..... | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# QUEEN OF THE VALLEY

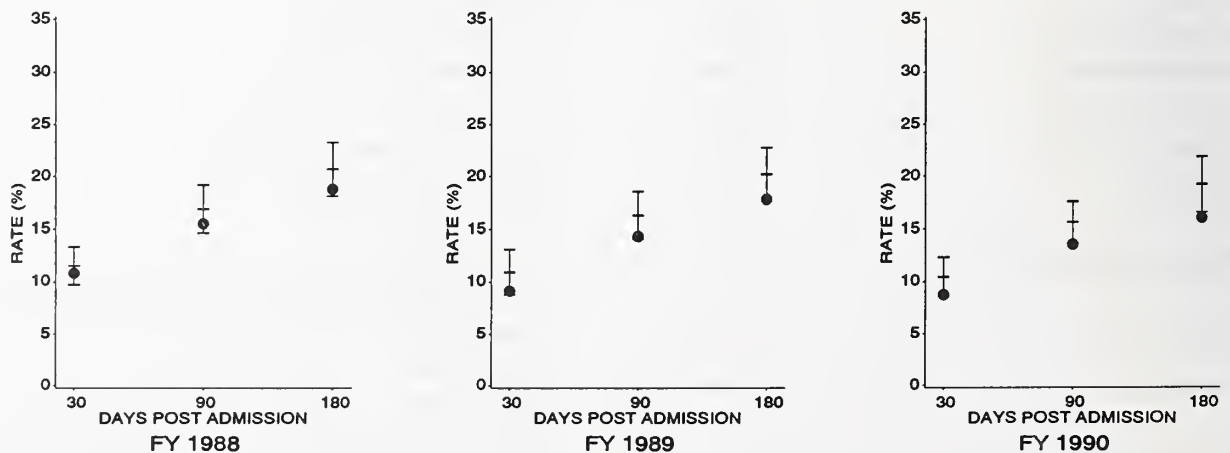
1000 TRANCAS ST  
NAPA, CA 94558  
Medicare Provider Number: 050009

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 2097               | 8.7                 | 10.4 | 1.0   | 13.5    | 15.6 | 1.0   | 16.0     | 19.2 | 1.3   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 69                 | 20.3                | 21.9 | 5.1   | 21.7    | 25.3 | 5.6   | 23.2     | 28.2 | 5.8   |
| Congestive Heart Failure.....              | 78                 | 2.6                 | 15.0 | 5.1   | 9.0     | 23.8 | 6.3   | 12.8     | 30.3 | 6.8   |
| Pneumonia/Influenza.....                   | 116                | 9.5                 | 14.9 | 4.1   | 13.8    | 20.6 | 4.9   | 16.4     | 24.5 | 5.6   |
| Chronic Obstructive Pulmonary Disease..... | 39                 | 0.0                 | 9.0  | ----- | 2.6     | 15.6 | ----- | 12.8     | 20.5 | ----- |
| Transient Cerebral Ischemia.....           | 18                 | 0.0                 | 1.6  | ----- | 0.0     | 3.7  | ----- | 0.0      | 6.1  | ----- |
| Stroke.....                                | 79                 | 19.0                | 19.8 | 4.9   | 26.6    | 26.2 | 5.0   | 27.8     | 30.1 | 5.7   |
| Hip Fracture.....                          | 56                 | 10.7                | 7.0  | 5.5   | 16.1    | 12.4 | 5.2   | 17.9     | 16.1 | 5.1   |
| Sepsis.....                                | 61                 | 16.4                | 26.8 | 7.8   | 23.0    | 35.3 | 9.2   | 24.6     | 40.1 | 10.0  |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 133                | 3.0                 | 3.1  | 1.7   | 6.0     | 4.3  | 2.2   | 6.8      | 5.5  | 2.9   |
| Coronary Artery Bypass Graft.....          | 62                 | 1.6                 | 5.8  | 3.9   | 1.6     | 8.3  | 5.1   | 4.8      | 9.5  | 5.4   |
| Initial Pacemaker Insertion.....           | 44                 | 0.0                 | 2.5  | ----- | 0.0     | 5.3  | ----- | 0.0      | 7.9  | ----- |
| Carotid Endarterectomy.....                | 24                 | 0.0                 | 1.7  | ----- | 0.0     | 3.4  | ----- | 0.0      | 5.0  | ----- |
| Hip Replacement/Reconstruction.....        | 48                 | 2.1                 | 3.0  | ----- | 2.1     | 5.8  | ----- | 4.2      | 7.9  | ----- |
| Open Reduction of Hip Fracture.....        | 24                 | 16.7                | 6.7  | ----- | 25.0    | 12.0 | ----- | 25.0     | 15.7 | ----- |
| Prostatectomy.....                         | 48                 | 0.0                 | 1.0  | ----- | 0.0     | 2.3  | ----- | 2.1      | 3.9  | ----- |
| Cholecystectomy.....                       | 45                 | 0.0                 | 3.0  | ----- | 2.2     | 5.3  | ----- | 2.2      | 6.8  | ----- |
| Hysterectomy.....                          | 18                 | 0.0                 | 0.8  | ----- | 5.6     | 2.0  | ----- | 5.6      | 3.4  | ----- |

\* The Standard Deviation (SD) Is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# QUEEN OF THE VALLEY

Medicare Provider Number: 050009

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 75.3 years |
| Proportion female.....        | 55.3 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 40.2 % |
| Transferred from skilled nursing facility..... | 4.6 %  |
| Admitted for elective procedure.....           | 17.8 % |
| Admitted for emergency.....                    | 5.1 %  |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 8.5 %  |
| Chronic cardiovascular disease..... | 34.6 % |
| Chronic liver disease.....          | 1.0 %  |
| Chronic renal disease.....          | 2.6 %  |
| Chronic pulmonary disease.....      | 14.8 % |
| Cerebrovascular degeneration.....   | 4.6 %  |
| Diabetes mellitus.....              | 6.5 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 82.3%  |
| State .....         | 16.4%  |
| Outside State ..... | 1.3%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 6.1 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |        |
|----------------------------|--------|
| Total Beds .....           | 158    |
| Occupancy Rate .....       | 73.0 % |
| Ownership/Control.....     | Church |
| Medicare Discharges .....  | 49.1 % |
| Case Mix Index (CMI) ..... | 1.6241 |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 118    |
| Percent of Physicians Board<br>Certified Specialists ..... | 83.1 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 190    |
| Licensed Practical Nurses .....                            | 57     |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | Yes |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | No  |
| Psychiatric .....         | No  |
| Medicare Swing Beds ..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# REDBUD COMMUNITY HOSPITAL

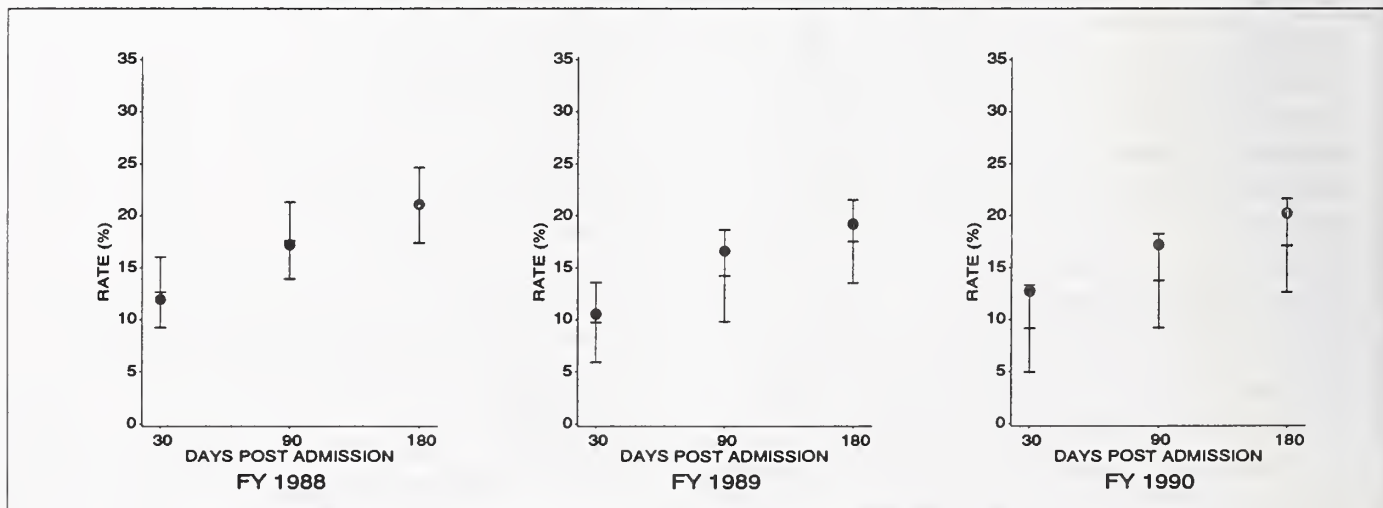
18TH AVE AND HIGHWAY 53  
CLEARLAKE HIGHLANDS, CA 95422  
Medicare Provider Number: 050539

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 441             | 12.7                | 9.1  | 2.1  | 17.2    | 13.7 | 2.3  | 20.2     | 17.1 | 2.3  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 13              | 23.1                | 23.2 | ---- | 30.8    | 26.2 | ---- | 30.8     | 28.9 | ---- |
| Congestive Heart Failure.....              | 22              | 13.6                | 12.4 | ---- | 22.7    | 19.6 | ---- | 27.3     | 25.0 | ---- |
| Pneumonia/Influenza.....                   | 33              | 15.2                | 10.9 | ---- | 15.2    | 15.4 | ---- | 15.2     | 18.6 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 11              | 18.2                | 10.7 | ---- | 27.3    | 18.4 | ---- | 27.3     | 22.9 | ---- |
| Transient Cerebral Ischemia.....           | 6               | 16.7                | 1.6  | ---- | 33.3    | 3.3  | ---- | 33.3     | 5.3  | ---- |
| Stroke.....                                | 21              | 19.0                | 20.2 | ---- | 19.0    | 26.2 | ---- | 23.8     | 30.0 | ---- |
| Hip Fracture.....                          | 9               | 11.1                | 4.5  | ---- | 22.2    | 8.5  | ---- | 22.2     | 11.7 | ---- |
| Sepsis.....                                | 8               | 37.5                | 25.5 | ---- | 37.5    | 33.2 | ---- | 37.5     | 38.7 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 7               | 0.0                 | 3.5  | ---- | 0.0     | 6.5  | ---- | 14.3     | 8.8  | ---- |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 9               | 0.0                 | 1.6  | ---- | 0.0     | 3.5  | ---- | 0.0      | 5.5  | ---- |
| Open Reduction of Hip Fracture.....        | 7               | 14.3                | 4.4  | ---- | 28.6    | 8.8  | ---- | 28.6     | 12.2 | ---- |
| Prostatectomy.....                         | 8               | 0.0                 | 1.4  | ---- | 12.5    | 3.0  | ---- | 12.5     | 5.0  | ---- |
| Cholecystectomy.....                       | 14              | 0.0                 | 1.7  | ---- | 0.0     | 3.1  | ---- | 0.0      | 4.2  | ---- |
| Hysterectomy.....                          | 5               | 0.0                 | 2.0  | ---- | 0.0     | 4.0  | ---- | 0.0      | 5.7  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# REDBUD COMMUNITY HOSPITAL

Medicare Provider Number: 050539

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 74.0 years  
Proportion female..... 54.2 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 32.9 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 0.0 %  
Admitted for emergency..... 0.0 %

### COMORBIDITIES:

Cancer..... 6.3 %  
Chronic cardiovascular disease..... 38.3 %  
Chronic liver disease..... 2.0 %  
Chronic renal disease..... 1.6 %  
Chronic pulmonary disease..... 22.4 %  
Cerebrovascular degeneration..... 2.5 %  
Diabetes mellitus..... 6.1 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 93.1%  
State ..... 6.0%  
Outside State ..... 0.9%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 5.4 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1985

### PROFILE:

Total Beds ..... 40  
Ownership/Control..... District/Authority  
Case Mix Index (CMI) ..... 1.3085

### STAFFING:

Medical Residents/Interns ..... 0  
Registered Nurses..... 28  
Licensed Practical Nurses ..... 8

### SPECIALTY SERVICES:

Burn Unit ..... No  
Coronary Care Unit ..... Yes  
Hospice Care ..... No  
Intensive Care Unit ..... Yes  
Organ Transplant ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# **REDDING MEDICAL CENTER**

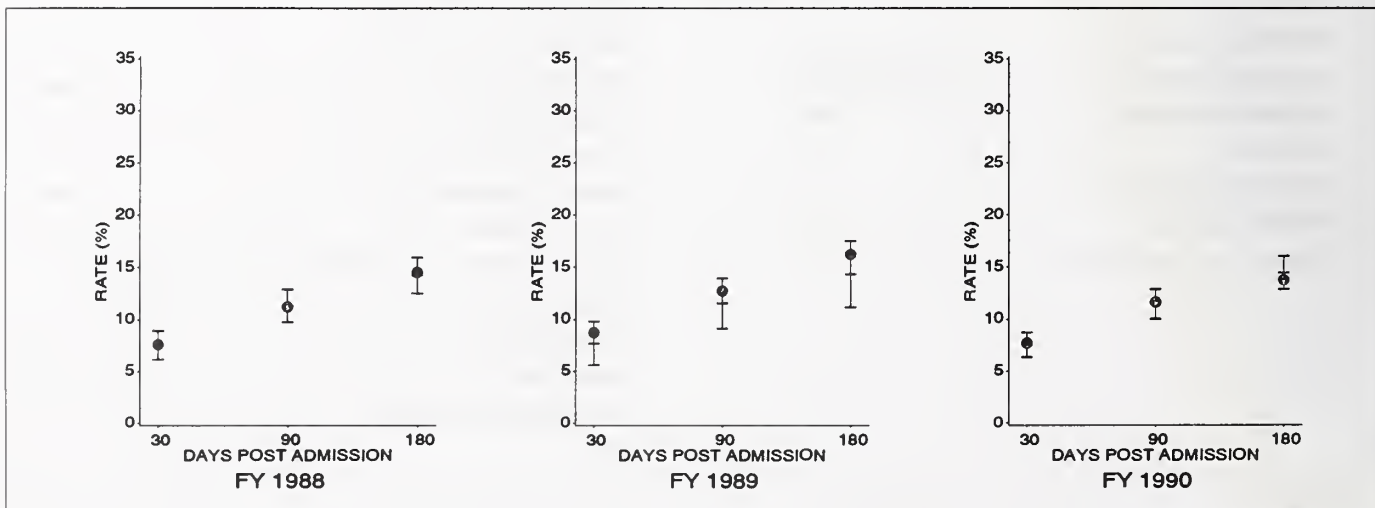
1100 BUTTE STREET  
REDDING, CA 96001  
Medicare Provider Number: 050312

## **FY 1990 MEDICARE HOSPITAL MORTALITY RATES**

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 2250            | 7.7                 | 7.5  | 0.6   | 11.6    | 11.4 | 0.7   | 13.7     | 14.4 | 0.8   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 86              | 23.3                | 20.2 | 5.3   | 24.4    | 22.6 | 4.8   | 24.4     | 25.1 | 4.7   |
| Congestive Heart Failure.....              | 99              | 18.2                | 13.8 | 5.1   | 30.3    | 22.1 | 8.2   | 34.3     | 28.3 | 7.2   |
| Pneumonia/Influenza.....                   | 75              | 13.3                | 13.4 | 4.2   | 21.3    | 18.9 | 5.3   | 24.0     | 22.6 | 5.4   |
| Chronic Obstructive Pulmonary Disease..... | 44              | 15.9                | 7.9  | ----- | 20.5    | 14.0 | ----- | 22.7     | 18.6 | ----- |
| Transient Cerebral Ischemia.....           | 18              | 5.6                 | 1.7  | ----- | 5.6     | 3.8  | ----- | 5.6      | 6.1  | ----- |
| Stroke.....                                | 55              | 18.2                | 17.0 | 5.9   | 27.3    | 23.7 | 6.5   | 32.7     | 27.4 | 7.5   |
| Hip Fracture.....                          | 50              | 10.0                | 6.2  | ----- | 14.0    | 10.7 | ----- | 14.0     | 13.7 | ----- |
| Sepsis.....                                | 21              | 23.8                | 22.4 | ----- | 23.8    | 32.7 | ----- | 23.8     | 38.2 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 92              | 1.1                 | 2.3  | 1.7   | 3.3     | 3.0  | 1.8   | 4.3      | 3.9  | 2.3   |
| Coronary Artery Bypass Graft.....          | 187             | 4.3                 | 5.5  | 2.4   | 5.9     | 7.7  | 2.9   | 6.4      | 8.7  | 3.3   |
| Initial Pacemaker Insertion.....           | 29              | 0.0                 | 2.9  | ----- | 0.0     | 5.2  | ----- | 3.4      | 7.3  | ----- |
| Carotid Endarterectomy.....                | 10              | 0.0                 | 1.3  | ----- | 0.0     | 2.4  | ----- | 0.0      | 3.5  | ----- |
| Hip Replacement/Reconstruction.....        | 41              | 0.0                 | 3.3  | ----- | 2.4     | 6.0  | ----- | 2.4      | 7.9  | ----- |
| Open Reduction of Hip Fracture.....        | 32              | 15.6                | 4.8  | ----- | 18.8    | 8.5  | ----- | 18.8     | 11.2 | ----- |
| Prostatectomy.....                         | 86              | 0.0                 | 0.8  | 1.3   | 2.3     | 2.0  | 1.5   | 2.3      | 3.4  | 2.4   |
| Cholecystectomy.....                       | 43              | 0.0                 | 1.5  | ----- | 2.3     | 2.5  | ----- | 2.3      | 3.2  | ----- |
| Hysterectomy.....                          | 29              | 0.0                 | 0.3  | ----- | 0.0     | 0.6  | ----- | 0.0      | 1.1  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## **OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES**



# REDDING MEDICAL CENTER

Medicare Provider Number: 050312

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 72.1 years  
Proportion female..... 46.0 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 40.3 %  
Transferred from skilled nursing facility..... 1.4 %  
Admitted for elective procedure..... 27.6 %  
Admitted for emergency..... 10.8 %

### COMORBIDITIES:

Cancer..... 6.0 %  
Chronic cardiovascular disease..... 42.5 %  
Chronic liver disease..... 1.2 %  
Chronic renal disease..... 2.0 %  
Chronic pulmonary disease..... 29.7 %  
Cerebrovascular degeneration..... 2.0 %  
Diabetes mellitus..... 5.6 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 83.8%  
State ..... 14.3%  
Outside State ..... 1.9%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 7.4 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 198  
Occupancy Rate ..... 71.0 %  
Ownership/Control..... Private, For Profit  
Medicare Discharges ..... 51.4 %  
Case Mix Index (CMI) ..... 1.7479

### STAFFING:

Total Number of Physicians..... 170  
Percent of Physicians Board  
Certified Specialists ..... 87.6 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 299  
Licensed Practical Nurses ..... 51

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... Yes  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... Yes  
Rehabilitation..... Yes  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# REDWOOD MEMORIAL HOSPITAL

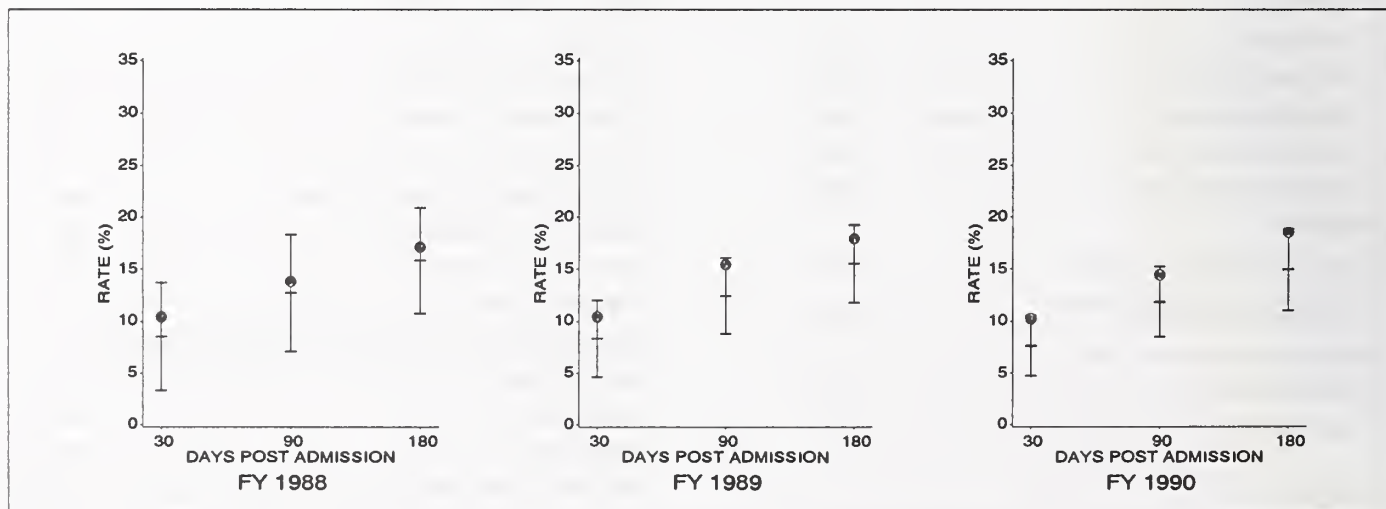
3300 RENNER DRIVE  
FORTUNA, CA 95540  
Medicare Provider Number: 050172

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 492             | 10.2                | 7.6  | 1.5   | 14.4    | 11.8 | 1.7   | 18.5     | 14.9 | 2.0   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 10              | 10.0                | 18.7 | ----- | 10.0    | 22.4 | ----- | 20.0     | 24.9 | ----- |
| Congestive Heart Failure.....              | 21              | 28.6                | 14.2 | ----- | 33.3    | 21.7 | ----- | 33.3     | 27.3 | ----- |
| Pneumonia/Influenza.....                   | 30              | 6.7                 | 12.5 | ----- | 10.0    | 17.7 | ----- | 26.7     | 21.4 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 12              | 8.3                 | 5.2  | ----- | 25.0    | 8.9  | ----- | 25.0     | 12.4 | ----- |
| Transient Cerebral Ischemia.....           | 4               | 0.0                 | 1.8  | ----- | 0.0     | 3.4  | ----- | 0.0      | 4.8  | ----- |
| Stroke.....                                | 24              | 12.5                | 13.3 | ----- | 20.8    | 19.0 | ----- | 29.2     | 22.8 | ----- |
| Hip Fracture.....                          | 21              | 9.5                 | 7.5  | ----- | 9.5     | 13.5 | ----- | 23.8     | 17.9 | ----- |
| Sepsis.....                                | 4               | 0.0                 | 8.5  | ----- | 25.0    | 11.0 | ----- | 25.0     | 13.4 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 2               | 0.0                 | 4.0  | ----- | 0.0     | 7.4  | ----- | 0.0      | 10.5 | ----- |
| Carotid Endarterectomy.....                | 4               | 0.0                 | 0.8  | ----- | 0.0     | 1.5  | ----- | 0.0      | 2.5  | ----- |
| Hip Replacement/Reconstruction.....        | 20              | 10.0                | 3.7  | ----- | 10.0    | 7.0  | ----- | 10.0     | 9.5  | ----- |
| Open Reduction of Hip Fracture.....        | 10              | 10.0                | 5.7  | ----- | 10.0    | 10.2 | ----- | 40.0     | 13.7 | ----- |
| Prostatectomy.....                         | 0               |                     |      |       |         |      |       |          |      |       |
| Cholecystectomy.....                       | 17              | 5.9                 | 1.5  | ----- | 5.9     | 2.8  | ----- | 5.9      | 3.8  | ----- |
| Hysterectomy.....                          | 12              | 0.0                 | 0.6  | ----- | 0.0     | 1.3  | ----- | 0.0      | 2.2  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# REDWOOD MEMORIAL HOSPITAL

Medicare Provider Number: 050172

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 75.2 years |
| Proportion female.....        | 58.9 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 71.7 % |
| Transferred from skilled nursing facility..... | 0.6 %  |
| Admitted for elective procedure.....           | 17.5 % |
| Admitted for emergency.....                    | 0.4 %  |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 5.7 %  |
| Chronic cardiovascular disease..... | 34.3 % |
| Chronic liver disease.....          | 1.8 %  |
| Chronic renal disease.....          | 1.6 %  |
| Chronic pulmonary disease.....      | 15.0 % |
| Cerebrovascular degeneration.....   | 3.9 %  |
| Diabetes mellitus.....              | 5.1 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |         |
|---------------------|---------|
| County/City.....    | 93.1 %  |
| State .....         | 5.5 %   |
| Outside State ..... | 1.4 %   |
| Total .....         | 100.0 % |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 5.1 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |        |
|----------------------------|--------|
| Total Beds .....           | 47     |
| Occupancy Rate .....       | 44.0 % |
| Ownership/Control.....     | Church |
| Medicare Discharges .....  | 33.8 % |
| Case Mix Index (CMI) ..... | 1.2912 |

### STAFFING:

|                                                            |                 |
|------------------------------------------------------------|-----------------|
| Total Number of Physicians.....                            | (Not Available) |
| Percent of Physicians Board<br>Certified Specialists ..... | (Not Available) |
| Medical Residents/Interns .....                            | (Not Available) |
| Registered Nurses.....                                     | (Not Available) |
| Licensed Practical Nurses .....                            | (Not Available) |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | No  |
| Psychiatric .....         | No  |
| Medicare Swing Beds ..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# RIDEOUT MEMORIAL HOSPITAL

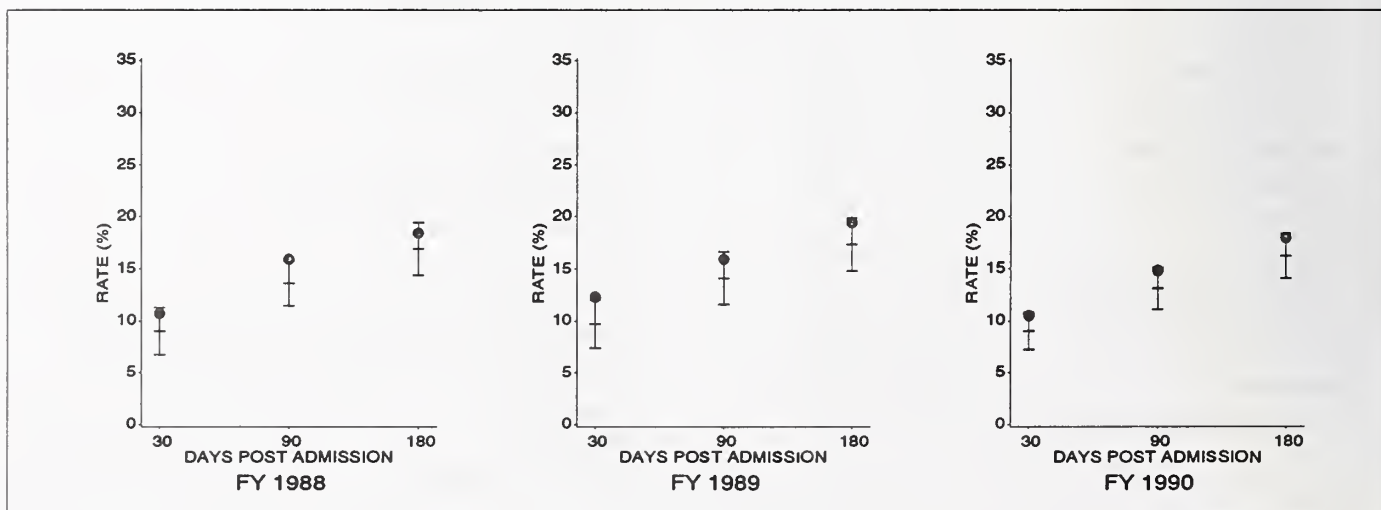
726 4TH ST  
MARYSVILLE, CA 95901  
Medicare Provider Number: 050133

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 1439            | 10.5                | 9.0  | 0.9  | 14.8    | 13.1 | 1.0  | 17.9     | 16.2 | 1.1  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 51              | 25.5                | 26.6 | 8.7  | 31.4    | 28.8 | 9.2  | 31.4     | 31.3 | 9.2  |
| Congestive Heart Failure.....              | 63              | 19.0                | 13.5 | 9.2  | 27.0    | 21.3 | 9.2  | 34.9     | 26.9 | 8.9  |
| Pneumonia/Influenza.....                   | 90              | 10.0                | 13.6 | 4.3  | 15.6    | 19.4 | 5.1  | 20.0     | 23.0 | 4.8  |
| Chronic Obstructive Pulmonary Disease..... | 23              | 0.0                 | 8.8  | ---- | 0.0     | 15.2 | ---- | 4.3      | 19.8 | ---- |
| Transient Cerebral Ischemia.....           | 23              | 8.7                 | 1.6  | ---- | 8.7     | 3.8  | ---- | 8.7      | 6.3  | ---- |
| Stroke.....                                | 77              | 29.9                | 20.9 | 7.1  | 36.4    | 26.4 | 7.0  | 37.7     | 29.7 | 6.9  |
| Hip Fracture.....                          | 46              | 10.9                | 5.3  | ---- | 13.0    | 9.8  | ---- | 15.2     | 13.0 | ---- |
| Sepsis.....                                | 14              | 21.4                | 30.7 | ---- | 28.6    | 40.0 | ---- | 28.6     | 45.5 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 10              | 0.0                 | 3.6  | ---- | 0.0     | 6.1  | ---- | 0.0      | 8.2  | ---- |
| Carotid Endarterectomy.....                | 2               | 0.0                 | 1.0  | ---- | 0.0     | 2.0  | ---- | 0.0      | 3.2  | ---- |
| Hip Replacement/Reconstruction.....        | 14              | 7.1                 | 4.9  | ---- | 7.1     | 9.6  | ---- | 14.3     | 13.2 | ---- |
| Open Reduction of Hip Fracture.....        | 23              | 8.7                 | 4.7  | ---- | 13.0    | 8.7  | ---- | 13.0     | 11.5 | ---- |
| Prostatectomy.....                         | 86              | 1.2                 | 0.5  | 1.0  | 2.3     | 1.2  | 1.8  | 3.5      | 2.1  | 2.6  |
| Cholecystectomy.....                       | 25              | 0.0                 | 3.1  | ---- | 0.0     | 5.3  | ---- | 0.0      | 6.8  | ---- |
| Hysterectomy.....                          | 1               | 0.0                 | 0.6  | ---- | 0.0     | 1.7  | ---- | 0.0      | 3.1  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# RIDEOUT MEMORIAL HOSPITAL

Medicare Provider Number: 050133

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 73.5 years  
Proportion female..... 48.0 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 40.9 %  
Transferred from skilled nursing facility..... 1.3 %  
Admitted for elective procedure..... 16.7 %  
Admitted for emergency..... 12.0 %

### COMORBIDITIES:

Cancer..... 5.4 %  
Chronic cardiovascular disease..... 38.0 %  
Chronic liver disease..... 1.5 %  
Chronic renal disease..... 2.1 %  
Chronic pulmonary disease..... 13.3 %  
Cerebrovascular degeneration..... 3.8 %  
Diabetes mellitus..... 5.4 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 46.4%  
State..... 52.2%  
Outside State..... 1.4%  
Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 6.4 Days  
State..... 7.1 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds..... 124  
Occupancy Rate..... 68.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges..... 49.3 %  
Case Mix Index (CMI)..... 1.1414

### STAFFING:

Total Number of Physicians..... 137  
Percent of Physicians Board  
Certified Specialists..... 67.9 %  
Medical Residents/Interns..... 0  
Registered Nurses..... 111  
Licensed Practical Nurses..... 53

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... Yes  
Trauma Center..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... No  
Rehabilitation..... No  
Psychiatric..... No  
Medicare Swing Beds..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# ROSEVILLE COMMUNITY HOSPITAL

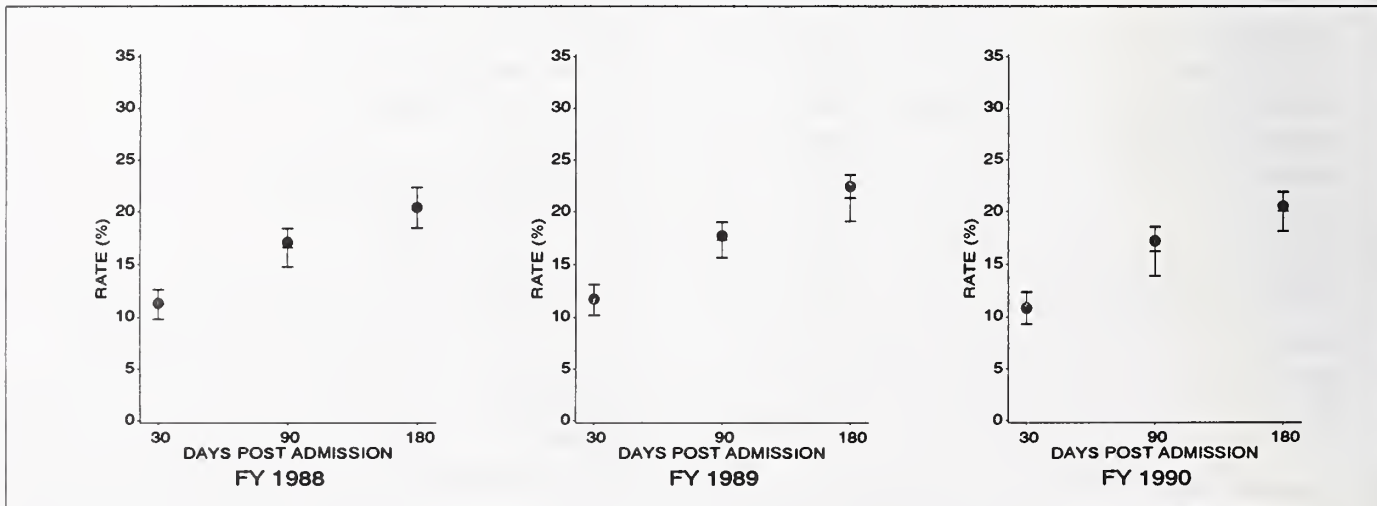
333 SUNRISE AVE  
ROSEVILLE, CA 95678  
Medicare Provider Number: 050309

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 2267            | 10.8                | 10.8 | 0.8  | 17.2    | 16.2 | 1.2  | 20.5     | 20.0 | 0.9  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 79              | 22.8                | 30.2 | 7.1  | 29.1    | 33.0 | 6.9  | 29.1     | 35.9 | 6.7  |
| Congestive Heart Failure.....              | 127             | 16.5                | 15.6 | 3.3  | 26.8    | 24.9 | 5.1  | 35.4     | 31.4 | 5.3  |
| Pneumonia/Influenza.....                   | 92              | 15.2                | 17.2 | 4.5  | 27.2    | 23.4 | 5.6  | 31.5     | 27.5 | 5.2  |
| Chronic Obstructive Pulmonary Disease..... | 59              | 8.5                 | 7.7  | 3.5  | 15.3    | 13.8 | 4.9  | 18.6     | 18.5 | 8.1  |
| Transient Cerebral Ischemia.....           | 44              | 4.5                 | 1.8  | ---- | 6.8     | 4.3  | ---- | 6.8      | 7.2  | ---- |
| Stroke.....                                | 81              | 30.9                | 20.8 | 6.4  | 35.8    | 27.3 | 6.2  | 38.3     | 31.2 | 6.4  |
| Hip Fracture.....                          | 45              | 8.9                 | 7.4  | ---- | 20.0    | 13.1 | ---- | 24.4     | 17.0 | ---- |
| Sepsis.....                                | 58              | 24.1                | 27.7 | 6.9  | 32.8    | 34.8 | 6.6  | 41.4     | 39.4 | 6.5  |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 12              | 0.0                 | 4.8  | ---- | 0.0     | 6.6  | ---- | 0.0      | 7.5  | ---- |
| Initial Pacemaker Insertion.....           | 18              | 11.1                | 3.9  | ---- | 11.1    | 7.4  | ---- | 16.7     | 10.4 | ---- |
| Carotid Endarterectomy.....                | 7               | 0.0                 | 1.9  | ---- | 14.3    | 3.5  | ---- | 14.3     | 5.0  | ---- |
| Hip Replacement/Reconstruction.....        | 36              | 0.0                 | 4.7  | ---- | 8.3     | 8.7  | ---- | 13.9     | 11.6 | ---- |
| Open Reduction of Hip Fracture.....        | 21              | 14.3                | 6.4  | ---- | 19.0    | 11.9 | ---- | 19.0     | 16.0 | ---- |
| Prostatectomy.....                         | 68              | 0.0                 | 1.0  | 2.6  | 1.5     | 2.5  | 4.4  | 5.9      | 4.4  | 4.9  |
| Cholecystectomy.....                       | 49              | 0.0                 | 2.7  | ---- | 0.0     | 4.8  | ---- | 2.0      | 6.3  | ---- |
| Hysterectomy.....                          | 17              | 0.0                 | 0.2  | ---- | 5.9     | 0.4  | ---- | 5.9      | 0.8  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# ROSEVILLE COMMUNITY HOSPITAL

Medicare Provider Number: 050309

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 74.9 years |
| Proportion female.....        | 57.3 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 41.4 % |
| Transferred from skilled nursing facility..... | 0.5 %  |
| Admitted for elective procedure.....           | 18.1 % |
| Admitted for emergency.....                    | 61.0 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 10.3 % |
| Chronic cardiovascular disease..... | 32.9 % |
| Chronic liver disease.....          | 2.1 %  |
| Chronic renal disease.....          | 3.7 %  |
| Chronic pulmonary disease.....      | 17.2 % |
| Cerebrovascular degeneration.....   | 5.8 %  |
| Diabetes mellitus.....              | 5.3 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City.....    | 50.3%  |
| State .....         | 46.9%  |
| Outside State ..... | 2.8%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 8.1 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 221                 |
| Occupancy Rate .....       | 67.0 %              |
| Ownership/Control.....     | Private, Non-Profit |
| Medicare Discharges .....  | 40.0 %              |
| Case Mix Index (CMI) ..... | 1.2560              |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 153    |
| Percent of Physicians Board<br>Certified Specialists ..... | 73.2 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 268    |
| Licensed Practical Nurses .....                            | 14     |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | Yes |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | Yes |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | Yes |
| Rehabilitation.....       | No  |
| Psychiatric .....         | No  |
| Medicare Swing Beds ..... | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# SACRED HEART HOSPITAL AND HEALTH CENTER

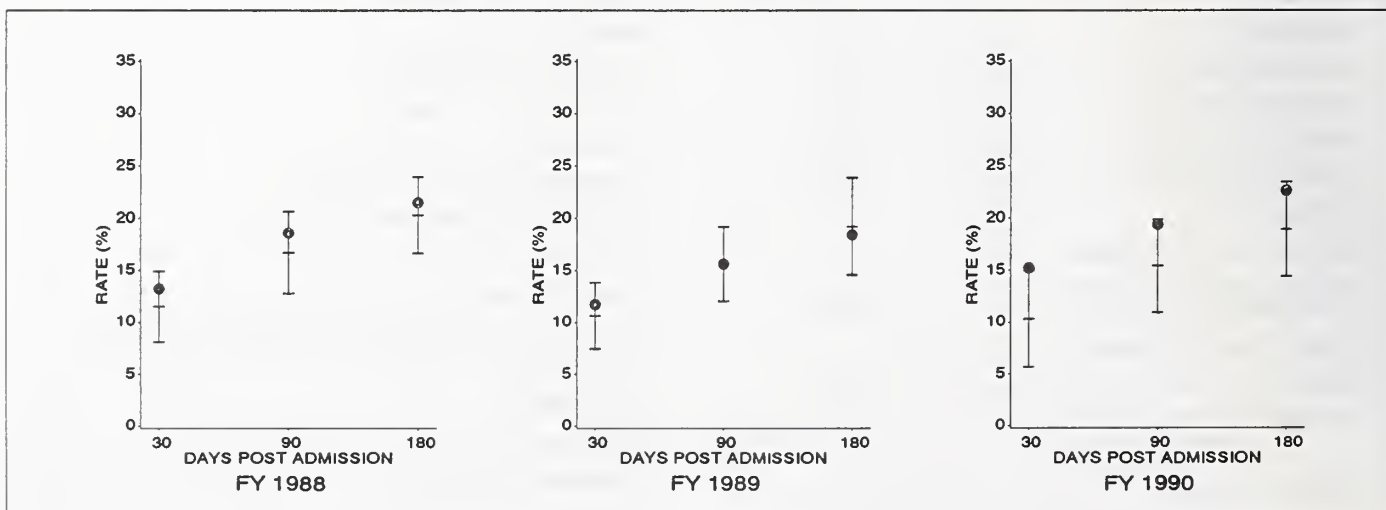
1025 N DOUTY ST  
HANFORD, CA 93230  
Medicare Provider Number: 050196

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 468                | 15.2                | 10.3 | 2.3  | 19.4    | 15.4 | 2.2  | 22.6     | 18.9 | 2.3  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 18                 | 16.7                | 20.7 | ---- | 22.2    | 23.9 | ---- | 22.2     | 26.6 | ---- |
| Congestive Heart Failure.....              | 36                 | 25.0                | 16.2 | ---- | 25.0    | 26.3 | ---- | 30.6     | 32.7 | ---- |
| Pneumonia/Influenza.....                   | 20                 | 20.0                | 14.0 | ---- | 30.0    | 18.8 | ---- | 30.0     | 22.1 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 2                  | 50.0                | 5.2  | ---- | 50.0    | 8.7  | ---- | 50.0     | 11.9 | ---- |
| Transient Cerebral Ischemia.....           | 3                  | 0.0                 | 2.3  | ---- | 0.0     | 5.5  | ---- | 0.0      | 9.0  | ---- |
| Stroke.....                                | 32                 | 28.1                | 18.2 | ---- | 34.4    | 24.4 | ---- | 43.8     | 28.1 | ---- |
| Hip Fracture.....                          | 13                 | 15.4                | 4.1  | ---- | 15.4    | 7.9  | ---- | 15.4     | 10.8 | ---- |
| Sepsis.....                                | 8                  | 25.0                | 23.6 | ---- | 50.0    | 30.4 | ---- | 50.0     | 34.5 | ---- |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 6                  | 16.7                | 4.7  | ---- | 16.7    | 10.6 | ---- | 16.7     | 15.6 | ---- |
| Carotid Endarterectomy.....                | 4                  | 0.0                 | 1.0  | ---- | 0.0     | 2.0  | ---- | 0.0      | 2.9  | ---- |
| Hip Replacement/Reconstruction.....        | 11                 | 0.0                 | 2.3  | ---- | 0.0     | 4.3  | ---- | 0.0      | 5.7  | ---- |
| Open Reduction of Hip Fracture.....        | 8                  | 25.0                | 3.5  | ---- | 25.0    | 6.6  | ---- | 25.0     | 9.1  | ---- |
| Prostatectomy.....                         | 3                  | 0.0                 | 0.3  | ---- | 0.0     | 0.7  | ---- | 0.0      | 1.3  | ---- |
| Cholecystectomy.....                       | 10                 | 10.0                | 1.4  | ---- | 10.0    | 2.5  | ---- | 10.0     | 3.2  | ---- |
| Hysterectomy.....                          | 2                  | 0.0                 | 2.4  | ---- | 0.0     | 5.8  | ---- | 0.0      | 8.9  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# SACRED HEART HOSPITAL AND HEALTH CENTER

Medicare Provider Number: 050196

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 74.1 years  
Proportion female..... 51.7 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 60.7 %  
Transferred from skilled nursing facility..... 0.4 %  
Admitted for elective procedure..... 46.4 %  
Admitted for emergency..... 25.0 %

### COMORBIDITIES:

Cancer..... 4.7 %  
Chronic cardiovascular disease..... 38.5 %  
Chronic liver disease..... 0.9 %  
Chronic renal disease..... 10.5 %  
Chronic pulmonary disease..... 13.2 %  
Cerebrovascular degeneration..... 2.4 %  
Diabetes mellitus..... 12.6 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 81.4%  
State ..... 17.3%  
Outside State ..... 1.3%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 6.3 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 66  
Occupancy Rate ..... 45.0 %  
Ownership/Control..... Church  
Medicare Discharges ..... 27.8 %  
Case Mix Index (CMI) ..... 1.2958

### STAFFING:

Total Number of Physicians..... 49  
Percent of Physicians Board  
Certified Specialists ..... 53.1 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 25  
Licensed Practical Nurses ..... 20

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# SAINT AGNES MEDICAL CENTER

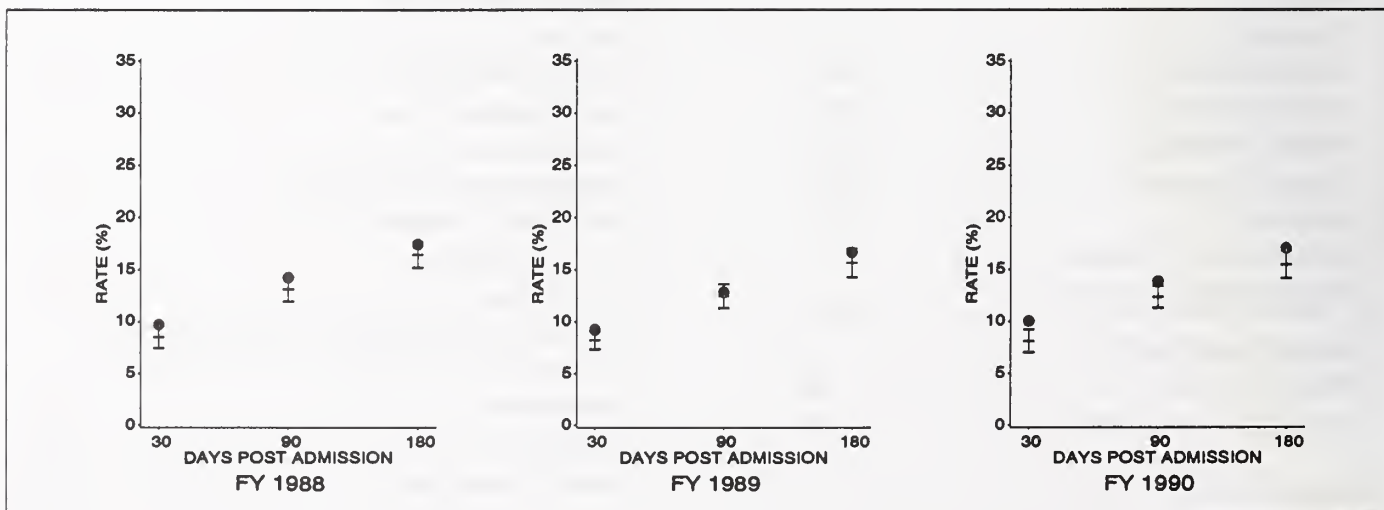
1303 E HERNDON AVE  
FRESNO, CA 93710  
Medicare Provider Number: 050093

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 4891            | 10.0                | 8.1  | 0.6   | 13.8    | 12.3 | 0.5   | 17.0     | 15.4 | 0.7   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 182             | 28.6                | 22.2 | 5.5   | 30.8    | 25.1 | 5.5   | 33.0     | 27.6 | 5.5   |
| Congestive Heart Failure.....              | 221             | 24.4                | 14.3 | 2.5   | 29.9    | 22.3 | 2.9   | 36.2     | 28.3 | 3.2   |
| Pneumonia/Influenza.....                   | 186             | 23.7                | 18.2 | 4.5   | 29.6    | 25.1 | 4.2   | 33.9     | 29.5 | 4.4   |
| Chronic Obstructive Pulmonary Disease..... | 73              | 11.0                | 8.3  | 4.2   | 21.9    | 13.7 | 6.6   | 27.4     | 17.8 | 8.0   |
| Transient Cerebral Ischemia.....           | 19              | 0.0                 | 1.7  | ----- | 10.5    | 3.7  | ----- | 10.5     | 6.0  | ----- |
| Stroke.....                                | 169             | 22.5                | 22.1 | 3.2   | 27.2    | 28.5 | 4.1   | 29.0     | 32.3 | 4.0   |
| Hip Fracture.....                          | 143             | 9.1                 | 5.8  | 3.7   | 11.9    | 10.6 | 3.3   | 16.8     | 13.8 | 3.9   |
| Sepsis.....                                | 33              | 18.2                | 21.5 | ----- | 18.2    | 29.1 | ----- | 24.2     | 33.3 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 121             | 5.8                 | 4.1  | 3.9   | 8.3     | 5.2  | 4.7   | 9.9      | 6.3  | 5.2   |
| Coronary Artery Bypass Graft.....          | 163             | 7.4                 | 4.9  | 3.4   | 8.6     | 6.7  | 3.0   | 9.2      | 7.6  | 2.8   |
| Initial Pacemaker Insertion.....           | 95              | 8.4                 | 2.4  | 2.6   | 10.5    | 4.7  | 2.9   | 10.5     | 6.9  | 3.0   |
| Carotid Endarterectomy.....                | 61              | 1.6                 | 1.5  | 1.6   | 1.6     | 2.7  | 2.3   | 3.3      | 4.0  | 2.6   |
| Hip Replacement/Reconstruction.....        | 129             | 5.4                 | 2.3  | 3.0   | 7.0     | 4.3  | 3.3   | 7.8      | 5.8  | 3.4   |
| Open Reduction of Hip Fracture.....        | 73              | 9.6                 | 5.9  | 4.3   | 12.3    | 10.9 | 3.9   | 17.8     | 14.4 | 5.1   |
| Prostatectomy.....                         | 237             | 0.8                 | 0.6  | 0.7   | 0.8     | 1.4  | 1.4   | 2.5      | 2.4  | 1.0   |
| Cholecystectomy.....                       | 142             | 3.5                 | 2.2  | 1.6   | 4.9     | 4.1  | 1.8   | 6.3      | 5.5  | 2.2   |
| Hysterectomy.....                          | 70              | 1.4                 | 0.6  | 1.4   | 1.4     | 1.3  | 1.6   | 1.4      | 2.0  | 2.0   |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# SAINT AGNES MEDICAL CENTER

Medicare Provider Number: 050093

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 74.1 years  
Proportion female..... 52.0 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 56.3 %  
Transferred from skilled nursing facility..... 0.4 %  
Admitted for elective procedure..... 34.0 %  
Admitted for emergency..... 42.4 %

### COMORBIDITIES:

Cancer..... 9.2 %  
Chronic cardiovascular disease..... 38.6 %  
Chronic liver disease..... 0.9 %  
Chronic renal disease..... 1.5 %  
Chronic pulmonary disease..... 11.4 %  
Cerebrovascular degeneration..... 2.4 %  
Diabetes mellitus..... 6.6 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 78.2%  
State..... 20.6%  
Outside State..... 1.2%  
Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 6.1 Days  
State..... 7.1 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds..... 323  
Occupancy Rate..... 74.0 %  
Ownership/Control..... Church  
Medicare Discharges..... 37.7 %  
Case Mix Index (CMI)..... 1.5203

### STAFFING:

Total Number of Physicians..... 423  
Percent of Physicians Board  
Certified Specialists..... 81.8 %  
Medical Residents/Interns..... 0  
Registered Nurses..... 482  
Licensed Practical Nurses..... 46

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... Yes  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... Yes  
Trauma Center..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... Yes  
Rehabilitation..... No  
Psychiatric..... No  
Medicare Swing Beds..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# SAINT LOUIS HOSPITAL & HEALTH CENTER

18500 SAINT LOUISE DR  
MORGAN HILL, CA 95037  
Medicare Provider Number: 050688

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 225                | 9.3                 | 9.3  | 2.2   | 13.3    | 13.6 | 2.3   | 16.0     | 17.0 | 2.9   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 4                  | 25.0                | 20.3 | ----- | 25.0    | 22.9 | ----- | 50.0     | 25.2 | ----- |
| Congestive Heart Failure.....              | 11                 | 9.1                 | 15.8 | ----- | 18.2    | 25.1 | ----- | 27.3     | 32.4 | ----- |
| Pneumonia/Influenza.....                   | 18                 | 22.2                | 16.1 | ----- | 22.2    | 21.9 | ----- | 27.8     | 26.3 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 3                  | 0.0                 | 12.6 | ----- | 0.0     | 18.9 | ----- | 0.0      | 22.5 | ----- |
| Transient Cerebral Ischemia.....           | 5                  | 0.0                 | 1.8  | ----- | 0.0     | 4.1  | ----- | 0.0      | 6.7  | ----- |
| Stroke.....                                | 11                 | 18.2                | 24.7 | ----- | 36.4    | 33.3 | ----- | 36.4     | 37.7 | ----- |
| Hip Fracture.....                          | 14                 | 14.3                | 5.5  | ----- | 28.6    | 9.8  | ----- | 28.6     | 12.7 | ----- |
| Sepsis.....                                | 3                  | 33.3                | 21.8 | ----- | 33.3    | 28.6 | ----- | 33.3     | 32.9 | ----- |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0                  |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 5                  | 0.0                 | 2.2  | ----- | 0.0     | 4.0  | ----- | 0.0      | 5.7  | ----- |
| Open Reduction of Hip Fracture.....        | 9                  | 22.2                | 6.1  | ----- | 44.4    | 11.0 | ----- | 44.4     | 14.4 | ----- |
| Prostatectomy.....                         | 3                  | 0.0                 | 0.3  | ----- | 0.0     | 0.7  | ----- | 0.0      | 1.3  | ----- |
| Cholecystectomy.....                       | 2                  | 0.0                 | 0.7  | ----- | 0.0     | 1.4  | ----- | 0.0      | 2.1  | ----- |
| Hysterectomy.....                          | 2                  | 0.0                 | 0.0  | ----- | 0.0     | 0.1  | ----- | 0.0      | 0.2  | ----- |

\* The Standard Deviation (SD) Is not calculated if the number of deaths or cases Is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES

No Graphs are presented when the standard deviation  
was not computed for one or more of the three fiscal years,  
(1988, 1989, or 1990)

# SAINT LOUIS HOSPITAL & HEALTH CENTER

Medicare Provider Number: 050688

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 76.0 years  
Proportion female..... 60.4 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 37.3 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 28.9 %  
Admitted for emergency..... 65.8 %

### COMORBIDITIES:

Cancer..... 5.3 %  
Chronic cardiovascular disease..... 36.9 %  
Chronic liver disease..... 0.4 %  
Chronic renal disease..... 2.2 %  
Chronic pulmonary disease..... 16.0 %  
Cerebrovascular degeneration..... 5.3 %  
Diabetes mellitus..... 8.0 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 90.4%  
State..... 4.8%  
Outside State..... 4.8%  
Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 5.5 Days  
State..... 7.1 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1991

### PROFILE:

Total Beds..... 60  
Ownership/Control..... Church  
Case Mix Index (CMI)..... 1.0801

### STAFFING:

Medical Residents/Interns..... 0  
Registered Nurses..... 35  
Licensed Practical Nurses..... 9

### SPECIALTY SERVICES:

Burn Unit..... No  
Coronary Care Unit..... No  
Hospice Care..... No  
Intensive Care Unit..... Yes  
Organ Transplant..... No  
Trauma Center..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... No  
Rehabilitation..... Yes  
Psychiatric..... No  
Medicare Swing Beds..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# SALINAS VALLEY MEMORIAL HOSPITAL

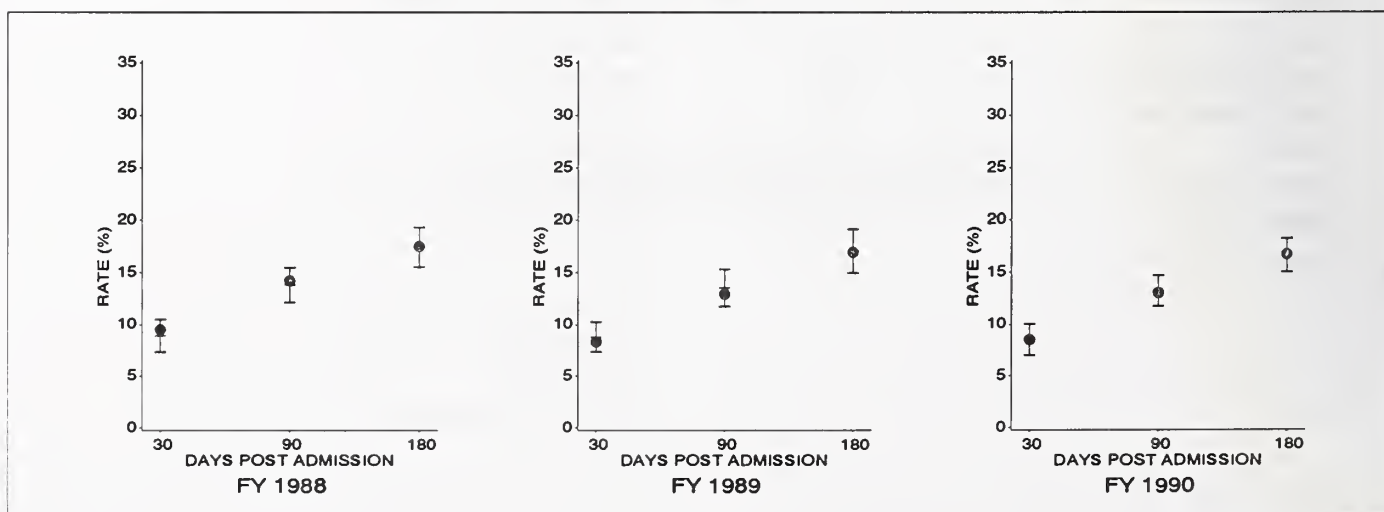
450 EAST ROMIE LANE  
SALINAS, CA 93901  
Medicare Provider Number: 050334

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 2185            | 8.5                 | 8.5  | 0.8  | 13.0    | 13.2 | 0.7  | 16.7     | 16.6 | 0.8  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 53              | 20.8                | 22.3 | 6.1  | 20.8    | 25.9 | 6.9  | 22.6     | 28.6 | 7.6  |
| Congestive Heart Failure.....              | 84              | 13.1                | 15.9 | 7.8  | 19.0    | 25.3 | 8.7  | 28.6     | 31.9 | 9.4  |
| Pneumonia/Influenza.....                   | 83              | 14.5                | 14.0 | 3.8  | 19.3    | 19.5 | 4.8  | 24.1     | 23.4 | 6.0  |
| Chronic Obstructive Pulmonary Disease..... | 28              | 3.6                 | 7.1  | ---- | 17.9    | 12.9 | ---- | 17.9     | 17.3 | ---- |
| Transient Cerebral Ischemia.....           | 33              | 3.0                 | 1.6  | ---- | 6.1     | 3.8  | ---- | 9.1      | 6.1  | ---- |
| Stroke.....                                | 84              | 19.0                | 17.7 | 5.0  | 23.8    | 23.9 | 4.8  | 29.8     | 27.6 | 5.4  |
| Hip Fracture.....                          | 32              | 3.1                 | 5.6  | ---- | 9.4     | 10.0 | ---- | 15.6     | 13.3 | ---- |
| Sepsis.....                                | 29              | 24.1                | 23.3 | ---- | 31.0    | 31.4 | ---- | 37.9     | 36.2 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 65              | 1.5                 | 2.8  | 2.7  | 1.5     | 3.5  | 3.3  | 3.1      | 4.3  | 3.8  |
| Coronary Artery Bypass Graft.....          | 46              | 6.5                 | 5.7  | ---- | 13.0    | 8.3  | ---- | 15.2     | 9.5  | ---- |
| Initial Pacemaker Insertion.....           | 20              | 0.0                 | 2.9  | ---- | 5.0     | 5.8  | ---- | 5.0      | 8.3  | ---- |
| Carotid Endarterectomy.....                | 18              | 0.0                 | 1.3  | ---- | 0.0     | 2.6  | ---- | 0.0      | 4.1  | ---- |
| Hip Replacement/Reconstruction.....        | 33              | 3.0                 | 2.1  | ---- | 3.0     | 3.8  | ---- | 6.1      | 5.3  | ---- |
| Open Reduction of Hip Fracture.....        | 14              | 0.0                 | 4.6  | ---- | 14.3    | 8.4  | ---- | 14.3     | 11.4 | ---- |
| Prostatectomy.....                         | 97              | 0.0                 | 0.6  | 0.9  | 1.0     | 1.4  | 1.3  | 2.1      | 2.5  | 1.9  |
| Cholecystectomy.....                       | 45              | 2.2                 | 3.6  | ---- | 4.4     | 7.4  | ---- | 8.9      | 10.4 | ---- |
| Hysterectomy.....                          | 14              | 0.0                 | 0.7  | ---- | 0.0     | 1.3  | ---- | 0.0      | 1.8  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# SALINAS VALLEY MEMORIAL HOSPITAL

Medicare Provider Number: 050334

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 74.4 years |
| Proportion female.....        | 55.0 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 60.2 % |
| Transferred from skilled nursing facility..... | 0.0 %  |
| Admitted for elective procedure.....           | 13.4 % |
| Admitted for emergency.....                    | 20.8 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 7.5 %  |
| Chronic cardiovascular disease..... | 29.6 % |
| Chronic liver disease.....          | 0.9 %  |
| Chronic renal disease.....          | 4.9 %  |
| Chronic pulmonary disease.....      | 14.2 % |
| Cerebrovascular degeneration.....   | 2.5 %  |
| Diabetes mellitus.....              | 9.3 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City.....    | 92.2%  |
| State .....         | 6.7%   |
| Outside State ..... | 1.1%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 7.2 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                    |
|----------------------------|--------------------|
| Total Beds .....           | 218                |
| Occupancy Rate .....       | 62.0 %             |
| Ownership/Control.....     | District/Authority |
| Medicare Discharges .....  | 30.6 %             |
| Case Mix Index (CMI) ..... | 1.4318             |

### STAFFING:

|                                                            |                 |
|------------------------------------------------------------|-----------------|
| Total Number of Physicians.....                            | (Not Available) |
| Percent of Physicians Board<br>Certified Specialists ..... | (Not Available) |
| Medical Residents/Interns .....                            | (Not Available) |
| Registered Nurses.....                                     | (Not Available) |
| Licensed Practical Nurses .....                            | (Not Available) |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |    |
|---------------------------|----|
| Alcohol/Drug .....        | No |
| Rehabilitation.....       | No |
| Psychiatric .....         | No |
| Medicare Swing Beds ..... | No |

\*\* Except for CMI

\* Not used in calculating mortality rates

# SAMUEL MERRITT HOSPITAL

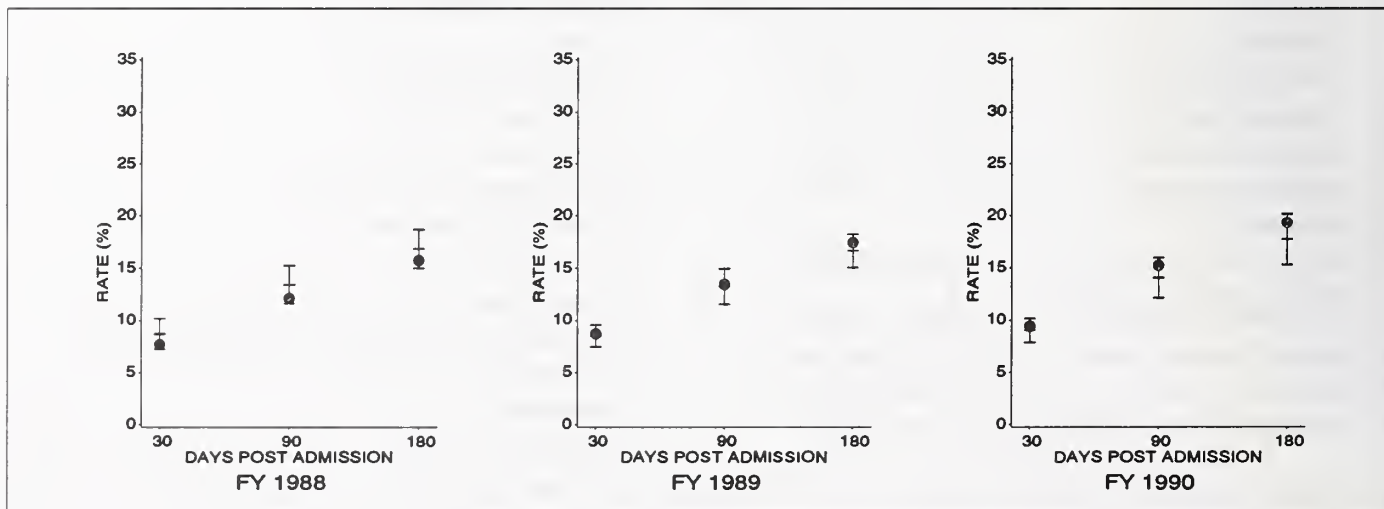
HAWTHORNE & WEBSTER STS  
OAKLAND, CA 94609  
Medicare Provider Number: 050043

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 3376            | 9.4                 | 9.0  | 0.6   | 15.2    | 14.0 | 1.0   | 19.3     | 17.7 | 1.2   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 86              | 30.2                | 27.6 | 6.9   | 37.2    | 31.2 | 8.6   | 38.4     | 34.2 | 9.2   |
| Congestive Heart Failure.....              | 160             | 15.6                | 14.4 | 3.0   | 25.0    | 22.8 | 4.5   | 31.9     | 28.9 | 5.2   |
| Pneumonia/Influenza.....                   | 176             | 14.8                | 16.8 | 3.9   | 21.0    | 23.3 | 4.9   | 27.8     | 27.4 | 4.7   |
| Chronic Obstructive Pulmonary Disease..... | 38              | 7.9                 | 8.5  | ----- | 15.8    | 14.7 | ----- | 26.3     | 18.9 | ----- |
| Transient Cerebral Ischemia.....           | 36              | 2.8                 | 2.4  | ----- | 5.6     | 5.5  | ----- | 11.1     | 8.8  | ----- |
| Stroke.....                                | 148             | 16.9                | 19.9 | 5.0   | 27.0    | 27.1 | 4.6   | 31.1     | 31.1 | 4.2   |
| Hip Fracture.....                          | 76              | 9.2                 | 7.6  | 3.5   | 14.5    | 13.8 | 4.0   | 17.1     | 18.2 | 4.7   |
| Sepsis.....                                | 24              | 29.2                | 24.7 | ----- | 41.7    | 34.2 | ----- | 45.8     | 39.4 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 165             | 3.6                 | 1.6  | 2.3   | 4.2     | 2.3  | 2.8   | 4.8      | 3.1  | 3.0   |
| Coronary Artery Bypass Graft.....          | 92              | 12.0                | 5.2  | 4.5   | 13.0    | 7.7  | 4.3   | 15.2     | 8.9  | 4.6   |
| Initial Pacemaker Insertion.....           | 28              | 3.6                 | 2.6  | ----- | 7.1     | 5.2  | ----- | 7.1      | 7.8  | ----- |
| Carotid Endarterectomy.....                | 19              | 0.0                 | 1.6  | ----- | 0.0     | 2.9  | ----- | 0.0      | 4.1  | ----- |
| Hip Replacement/Reconstruction.....        | 119             | 5.0                 | 2.3  | 2.0   | 6.7     | 4.4  | 2.2   | 6.7      | 6.2  | 2.3   |
| Open Reduction of Hip Fracture.....        | 42              | 4.8                 | 6.7  | ----- | 9.5     | 12.1 | ----- | 14.3     | 16.2 | ----- |
| Prostatectomy.....                         | 87              | 1.1                 | 1.0  | 1.1   | 2.3     | 2.2  | 1.9   | 3.4      | 3.8  | 3.0   |
| Cholecystectomy.....                       | 34              | 5.9                 | 2.3  | ----- | 11.8    | 4.2  | ----- | 11.8     | 5.6  | ----- |
| Hysterectomy.....                          | 40              | 0.0                 | 0.4  | ----- | 0.0     | 0.9  | ----- | 0.0      | 1.6  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# SAMUEL MERRITT HOSPITAL

Medicare Provider Number: 050043

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 75.4 years  
Proportion female..... 58.6 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 47.2 %  
Transferred from skilled nursing facility..... 1.5 %  
Admitted for elective procedure..... 31.0 %  
Admitted for emergency..... 6.8 %

### COMORBIDITIES:

Cancer..... 8.1 %  
Chronic cardiovascular disease..... 40.4 %  
Chronic liver disease..... 0.9 %  
Chronic renal disease..... 3.8 %  
Chronic pulmonary disease..... 13.0 %  
Cerebrovascular degeneration..... 5.5 %  
Diabetes mellitus..... 6.8 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 82.7%  
State ..... 16.0%  
Outside State ..... 1.3%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 7.6 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1991

### PROFILE:

Total Beds ..... 364  
Ownership/Control..... Private, Non-Profit  
Case Mix Index (CMI) ..... 1.4938

### STAFFING:

Medical Residents/Interns ..... 0  
Registered Nurses ..... 316  
Licensed Practical Nurses ..... 24

### SPECIALTY SERVICES:

Burn Unit ..... No  
Coronary Care Unit ..... Yes  
Hospice Care ..... No  
Intensive Care Unit ..... Yes  
Organ Transplant ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... Yes  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# SAN FRANCISCO GENERAL HOSPITAL

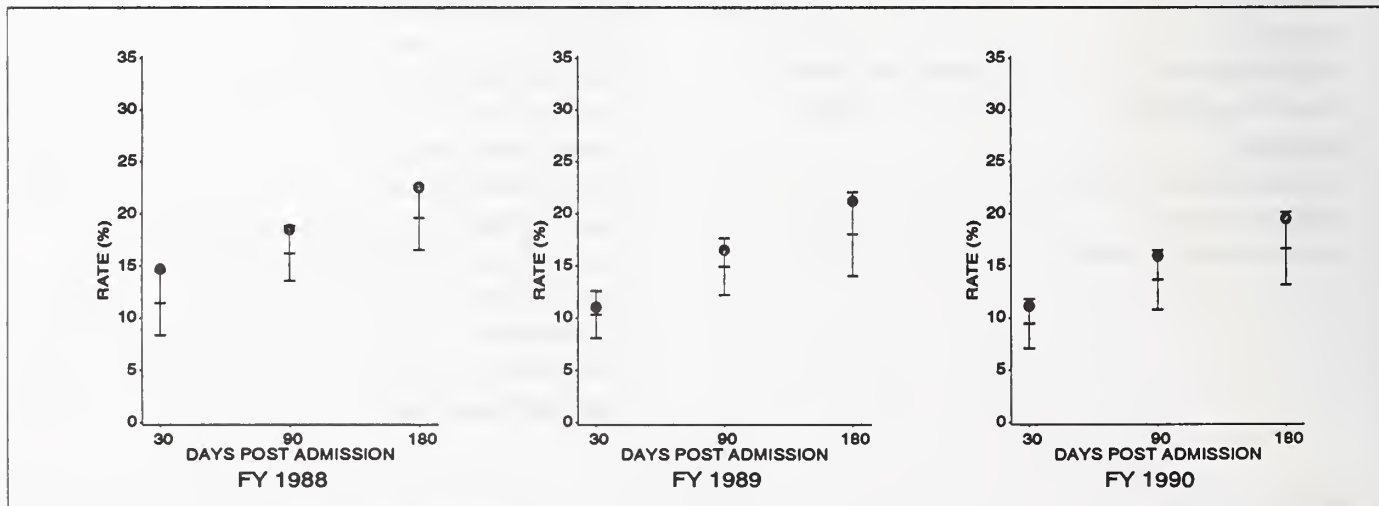
1001 POTRERO AVE  
SAN FRANCISCO, CA 94110  
Medicare Provider Number: 050228

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1050            | 11.1                | 9.4  | 1.2   | 15.9    | 13.6 | 1.4   | 19.5     | 16.6 | 1.8   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 26              | 34.6                | 25.4 | ----- | 42.3    | 27.8 | ----- | 42.3     | 30.1 | ----- |
| Congestive Heart Failure.....              | 51              | 15.7                | 15.1 | 6.2   | 19.6    | 24.0 | 8.4   | 23.5     | 30.2 | 8.9   |
| Pneumonia/Influenza.....                   | 33              | 18.2                | 6.5  | ----- | 21.2    | 8.9  | ----- | 33.3     | 10.8 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 17              | 5.9                 | 6.2  | ----- | 5.9     | 10.7 | ----- | 5.9      | 14.3 | ----- |
| Transient Cerebral Ischemia.....           | 6               | 0.0                 | 1.7  | ----- | 0.0     | 4.0  | ----- | 0.0      | 6.8  | ----- |
| Stroke.....                                | 44              | 18.2                | 19.6 | ----- | 20.5    | 25.2 | ----- | 27.3     | 28.6 | ----- |
| Hip Fracture.....                          | 23              | 4.3                 | 7.3  | ----- | 17.4    | 13.8 | ----- | 17.4     | 18.2 | ----- |
| Sepsis.....                                | 14              | 28.6                | 23.1 | ----- | 57.1    | 29.9 | ----- | 57.1     | 34.1 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 2               | 0.0                 | 6.3  | ----- | 50.0    | 8.9  | ----- | 50.0     | 10.6 | ----- |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 7               | 0.0                 | 2.9  | ----- | 0.0     | 6.1  | ----- | 14.3     | 9.3  | ----- |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 4               | 25.0                | 4.4  | ----- | 25.0    | 7.8  | ----- | 25.0     | 10.5 | ----- |
| Open Reduction of Hip Fracture.....        | 13              | 0.0                 | 7.3  | ----- | 15.4    | 14.6 | ----- | 15.4     | 19.6 | ----- |
| Prostatectomy.....                         | 12              | 0.0                 | 0.9  | ----- | 0.0     | 2.1  | ----- | 0.0      | 3.4  | ----- |
| Cholecystectomy.....                       | 4               | 25.0                | 5.6  | ----- | 25.0    | 11.5 | ----- | 50.0     | 15.9 | ----- |
| Hysterectomy.....                          | 2               | 0.0                 | 0.3  | ----- | 0.0     | 0.7  | ----- | 0.0      | 1.3  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# SAN FRANCISCO GENERAL HOSPITAL

Medicare Provider Number: 050228

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 65.5 years  
Proportion female..... 35.9 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 0.3 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 0.4 %  
Admitted for emergency..... 97.4 %

### COMORBIDITIES:

Cancer..... 3.9 %  
Chronic cardiovascular disease..... 26.0 %  
Chronic liver disease..... 1.1 %  
Chronic renal disease..... 5.0 %  
Chronic pulmonary disease..... 10.2 %  
Cerebrovascular degeneration..... 8.7 %  
Diabetes mellitus..... 8.8 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 89.1 %  
State ..... 8.9 %  
Outside State ..... 2.0 %  
Total ..... 100.0 %

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 7.8 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1989

### PROFILE:

Total Beds ..... 582  
Ownership/Control..... Local Government  
Case Mix Index (CMI) ..... 1.2428

### STAFFING:

Medical Residents/Interns ..... 69  
Registered Nurses..... 710  
Licensed Practical Nurses ..... 68

### SPECIALTY SERVICES:

Burn Unit ..... Yes  
Coronary Care Unit ..... Yes  
Hospice Care ..... No  
Intensive Care Unit ..... Yes  
Organ Transplant ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... Yes  
Psychiatric ..... Yes  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# SAN JOAQUIN GENERAL HOSPITAL

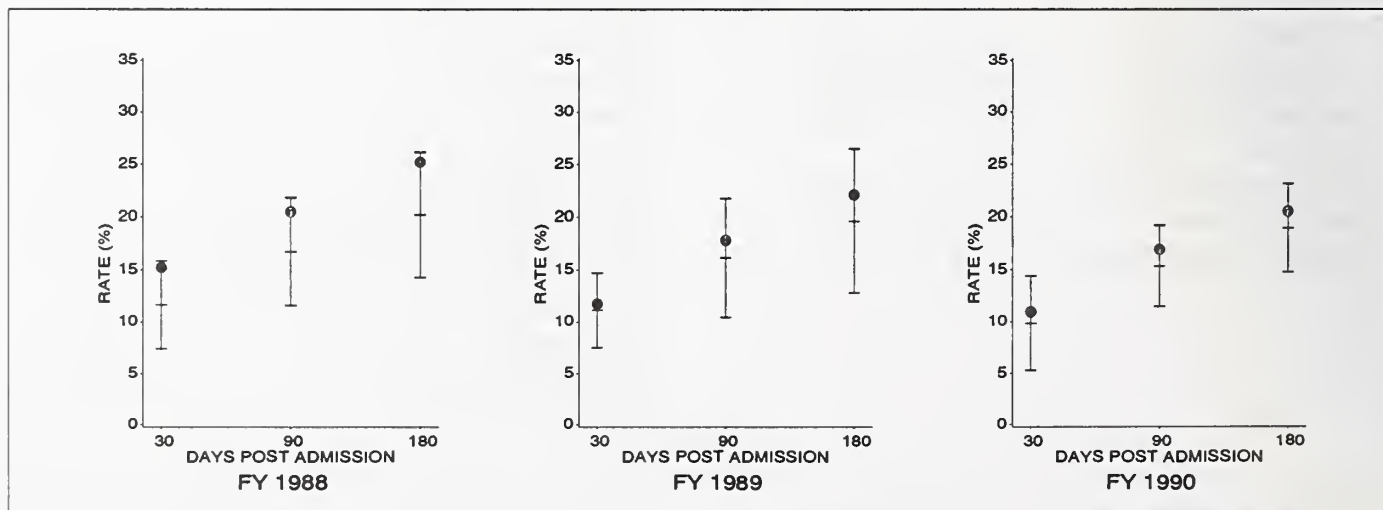
HOSPITAL LANE AND INTERSTATE 5  
FRENCH CAMP, CA 95231  
Medicare Provider Number: 050167

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 396                | 10.9                | 9.8  | 2.3   | 16.9    | 15.3 | 2.0   | 20.5     | 18.9 | 2.1   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial infarction.....           | 6                  | 16.7                | 25.2 | ----- | 16.7    | 27.2 | ----- | 16.7     | 29.0 | ----- |
| Congestive Heart Failure.....              | 27                 | 14.8                | 12.2 | ----- | 25.9    | 20.7 | ----- | 29.6     | 26.3 | ----- |
| Pneumonia/Influenza.....                   | 10                 | 20.0                | 16.7 | ----- | 20.0    | 23.3 | ----- | 30.0     | 27.3 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 8                  | 12.5                | 10.3 | ----- | 25.0    | 17.7 | ----- | 25.0     | 23.0 | ----- |
| Transient Cerebral Ischemia.....           | 4                  | 0.0                 | 1.1  | ----- | 0.0     | 2.8  | ----- | 0.0      | 5.0  | ----- |
| Stroke.....                                | 14                 | 14.3                | 17.8 | ----- | 21.4    | 23.6 | ----- | 28.6     | 26.9 | ----- |
| Hip Fracture.....                          | 13                 | 15.4                | 4.5  | ----- | 23.1    | 8.2  | ----- | 23.1     | 10.9 | ----- |
| Sepsis.....                                | 4                  | 50.0                | 43.7 | ----- | 100.0   | 58.9 | ----- | 100.0    | 64.2 | ----- |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 2                  | 0.0                 | 1.2  | ----- | 0.0     | 2.5  | ----- | 0.0      | 3.5  | ----- |
| Hip Replacement/Reconstruction.....        | 4                  | 0.0                 | 4.3  | ----- | 25.0    | 7.9  | ----- | 25.0     | 10.0 | ----- |
| Open Reduction of Hip Fracture.....        | 6                  | 0.0                 | 2.9  | ----- | 0.0     | 5.3  | ----- | 0.0      | 7.2  | ----- |
| Prostatectomy.....                         | 5                  | 0.0                 | 1.0  | ----- | 0.0     | 2.5  | ----- | 20.0     | 4.2  | ----- |
| Cholecystectomy.....                       | 7                  | 0.0                 | 1.4  | ----- | 0.0     | 2.4  | ----- | 0.0      | 3.1  | ----- |
| Hysterectomy.....                          | 1                  | 0.0                 | 2.6  | ----- | 0.0     | 6.2  | ----- | 0.0      | 10.0 | ----- |

\* The Standard Deviation (SD) Is not calculated if the number of deaths or cases Is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# SAN JOAQUIN GENERAL HOSPITAL

Medicare Provider Number: 050167

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 63.9 years |
| Proportion female.....        | 35.6 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 9.1 %  |
| Transferred from skilled nursing facility..... | 0.3 %  |
| Admitted for elective procedure.....           | 7.3 %  |
| Admitted for emergency.....                    | 81.3 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 7.8 %  |
| Chronic cardiovascular disease..... | 21.5 % |
| Chronic liver disease.....          | 3.5 %  |
| Chronic renal disease.....          | 12.9 % |
| Chronic pulmonary disease.....      | 9.8 %  |
| Cerebrovascular degeneration.....   | 8.1 %  |
| Diabetes mellitus.....              | 15.2 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 93.9%  |
| State .....         | 5.2%   |
| Outside State ..... | 0.9%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 8.1 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                  |
|----------------------------|------------------|
| Total Beds .....           | 213              |
| Occupancy Rate .....       | 65.0 %           |
| Ownership/Control.....     | Local Government |
| Medicare Discharges .....  | 10.4 %           |
| Case Mix Index (CMI) ..... | 1.3633           |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 107    |
| Percent of Physicians Board<br>Certified Specialists ..... | 71.0 % |
| Medical Residents/Interns .....                            | 55     |
| Registered Nurses.....                                     | 281    |
| Licensed Practical Nurses .....                            | 144    |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | Yes |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | Yes |
| Psychiatric .....         | No  |
| Medicare Swing Beds ..... | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# SAN JOSE MEDICAL CENTER

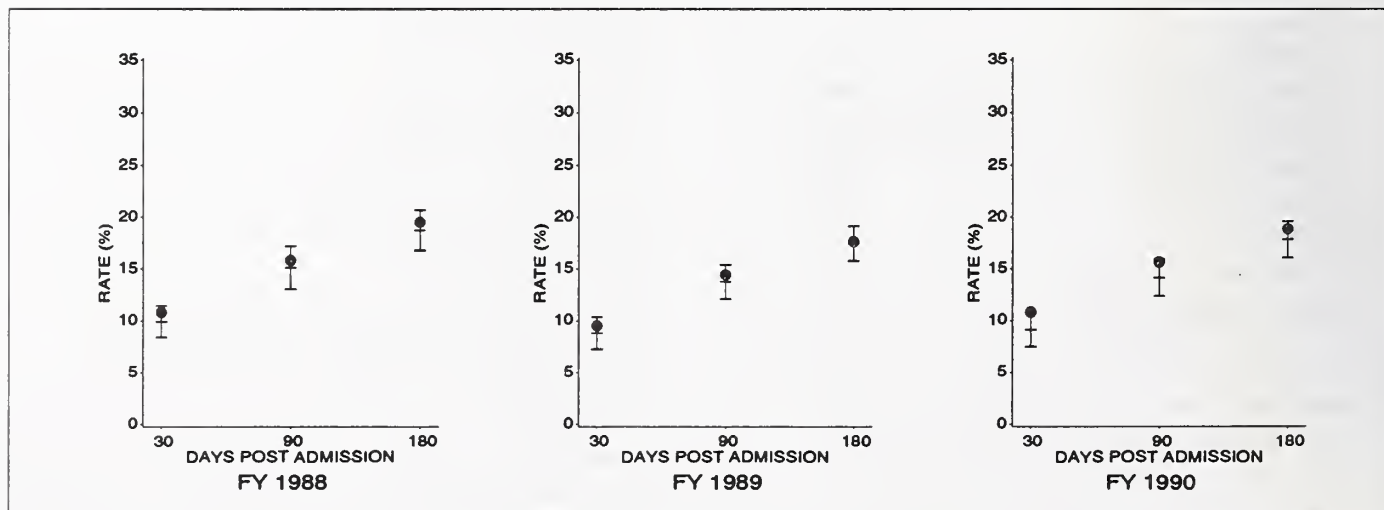
675 E SANTA CLARA ST  
SAN JOSE, CA 95112  
Medicare Provider Number: 050215

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 2083            | 10.8                | 9.1  | 0.8   | 15.6    | 14.1 | 0.9   | 18.8     | 17.8 | 0.9   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 39              | 33.3                | 24.7 | ----- | 33.3    | 27.6 | ----- | 33.3     | 30.5 | ----- |
| Congestive Heart Failure.....              | 132             | 12.1                | 14.5 | 3.8   | 16.7    | 23.4 | 5.7   | 25.8     | 29.8 | 6.1   |
| Pneumonia/Influenza.....                   | 103             | 23.3                | 16.5 | 5.1   | 32.0    | 23.0 | 6.0   | 35.9     | 27.2 | 6.4   |
| Chronic Obstructive Pulmonary Disease..... | 27              | 3.7                 | 8.8  | ----- | 3.7     | 15.0 | ----- | 11.1     | 19.9 | ----- |
| Transient Cerebral Ischemia.....           | 21              | 4.8                 | 2.5  | ----- | 4.8     | 5.4  | ----- | 4.8      | 8.8  | ----- |
| Stroke.....                                | 105             | 20.0                | 18.9 | 6.1   | 27.6    | 25.6 | 5.2   | 30.5     | 29.4 | 4.6   |
| Hip Fracture.....                          | 49              | 12.2                | 6.0  | ----- | 16.3    | 10.6 | ----- | 18.4     | 14.1 | ----- |
| Sepsis.....                                | 27              | 7.4                 | 19.3 | ----- | 7.4     | 25.7 | ----- | 7.4      | 29.8 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 109             | 1.8                 | 2.0  | 1.4   | 3.7     | 2.9  | 2.1   | 3.7      | 3.8  | 2.1   |
| Coronary Artery Bypass Graft.....          | 29              | 17.2                | 7.2  | ----- | 24.1    | 10.4 | ----- | 24.1     | 11.8 | ----- |
| Initial Pacemaker Insertion.....           | 18              | 0.0                 | 2.6  | ----- | 11.1    | 5.5  | ----- | 22.2     | 8.4  | ----- |
| Carotid Endarterectomy.....                | 7               | 0.0                 | 1.7  | ----- | 0.0     | 3.1  | ----- | 0.0      | 4.5  | ----- |
| Hip Replacement/Reconstruction.....        | 24              | 8.3                 | 3.8  | ----- | 16.7    | 7.3  | ----- | 20.8     | 10.1 | ----- |
| Open Reduction of Hip Fracture.....        | 34              | 11.8                | 5.3  | ----- | 14.7    | 9.6  | ----- | 17.6     | 13.0 | ----- |
| Prostatectomy.....                         | 119             | 1.7                 | 0.9  | 1.0   | 2.5     | 2.3  | 1.6   | 4.2      | 3.9  | 2.6   |
| Cholecystectomy.....                       | 31              | 3.2                 | 3.4  | ----- | 6.5     | 6.8  | ----- | 6.5      | 9.5  | ----- |
| Hysterectomy.....                          | 22              | 4.5                 | 1.9  | ----- | 4.5     | 4.2  | ----- | 4.5      | 6.2  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# SAN JOSE MEDICAL CENTER

Medicare Provider Number: 050215

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 75.0 years  
Proportion female..... 54.6 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 40.7 %  
Transferred from skilled nursing facility..... 3.7 %  
Admitted for elective procedure..... 29.4 %  
Admitted for emergency..... 5.3 %

### COMORBIDITIES:

Cancer..... 7.7 %  
Chronic cardiovascular disease..... 40.9 %  
Chronic liver disease..... 0.9 %  
Chronic renal disease..... 5.3 %  
Chronic pulmonary disease..... 14.7 %  
Cerebrovascular degeneration..... 3.4 %  
Diabetes mellitus..... 9.3 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 89.8%  
State ..... 8.7%  
Outside State ..... 1.5%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 7.1 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 259  
Occupancy Rate ..... 65.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 29.9 %  
Case Mix Index (CMI) ..... 1.3981

### STAFFING:

Total Number of Physicians..... 608  
Percent of Physicians Board  
Certified Specialists..... 72.2 %  
Medical Residents/Interns ..... 19  
Registered Nurses..... 275  
Licensed Practical Nurses ..... 26

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... Yes  
Hospice Care ..... Yes  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... Yes  
Psychiatric ..... Yes  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# SAN LUIS OBISPO GENERAL HOSPITAL

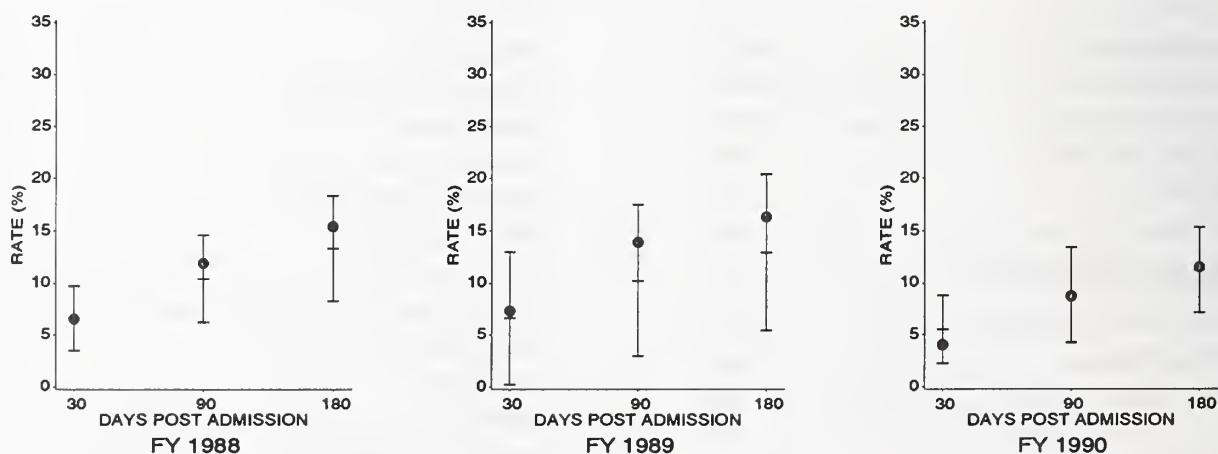
2180 JOHNSON AVE  
SAN LUIS OBISPO, CA 93401  
Medicare Provider Number: 050088

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 253             | 4.0                 | 5.5  | 1.6   | 8.7     | 8.8  | 2.3   | 11.5     | 11.2 | 2.1   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 2               | 0.0                 | 15.7 | ----- | 0.0     | 16.8 | ----- | 0.0      | 18.3 | ----- |
| Congestive Heart Failure.....              | 10              | 20.0                | 13.4 | ----- | 40.0    | 21.7 | ----- | 40.0     | 28.2 | ----- |
| Pneumonia/Influenza.....                   | 13              | 7.7                 | 12.9 | ----- | 7.7     | 18.0 | ----- | 23.1     | 21.4 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 4               | 0.0                 | 8.0  | ----- | 25.0    | 11.9 | ----- | 25.0     | 15.3 | ----- |
| Transient Cerebral Ischemia.....           | 2               | 0.0                 | 1.6  | ----- | 0.0     | 3.5  | ----- | 0.0      | 5.7  | ----- |
| Stroke.....                                | 7               | 14.3                | 17.6 | ----- | 14.3    | 25.3 | ----- | 42.9     | 29.4 | ----- |
| Hip Fracture.....                          | 6               | 0.0                 | 4.2  | ----- | 0.0     | 7.6  | ----- | 0.0      | 10.0 | ----- |
| Sepsis.....                                | 2               | 0.0                 | 35.1 | ----- | 0.0     | 47.6 | ----- | 0.0      | 53.4 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 1               | 0.0                 | 3.6  | ----- | 0.0     | 6.8  | ----- | 0.0      | 9.8  | ----- |
| Open Reduction of Hip Fracture.....        | 5               | 0.0                 | 3.4  | ----- | 0.0     | 6.6  | ----- | 0.0      | 8.7  | ----- |
| Prostatectomy.....                         | 2               | 0.0                 | 0.4  | ----- | 0.0     | 0.9  | ----- | 0.0      | 1.7  | ----- |
| Cholecystectomy.....                       | 5               | 0.0                 | 1.5  | ----- | 0.0     | 2.5  | ----- | 0.0      | 3.2  | ----- |
| Hysterectomy.....                          | 2               | 0.0                 | 0.4  | ----- | 0.0     | 1.1  | ----- | 0.0      | 2.0  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# SAN LUIS OBISPO GENERAL HOSPITAL

Medicare Provider Number: 050088

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 60.3 years  
Proportion female..... 48.6 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 31.2 %  
Transferred from skilled nursing facility..... 0.4 %  
Admitted for elective procedure..... 3.6 %  
Admitted for emergency..... 39.9 %

### COMORBIDITIES:

Cancer..... 2.4 %  
Chronic cardiovascular disease..... 19.8 %  
Chronic liver disease..... 0.0 %  
Chronic renal disease..... 12.3 %  
Chronic pulmonary disease..... 9.9 %  
Cerebrovascular degeneration..... 9.5 %  
Diabetes mellitus..... 9.1 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 87.3%  
State ..... 11.1%  
Outside State ..... 1.6%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 7.4 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 63  
Occupancy Rate ..... 52.0 %  
Ownership/Control..... Local Government  
Medicare Discharges ..... 13.5 %  
Case Mix Index (CMI) ..... 1.0475

### STAFFING:

Total Number of Physicians..... 85  
Percent of Physicians Board  
Certified Specialists ..... 78.8 %  
Medical Residents/interns ..... 0  
Registered Nurses ..... 68  
Licensed Practical Nurses ..... 13

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... Yes  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# SAN MATEO COUNTY GENERAL HOSPITAL

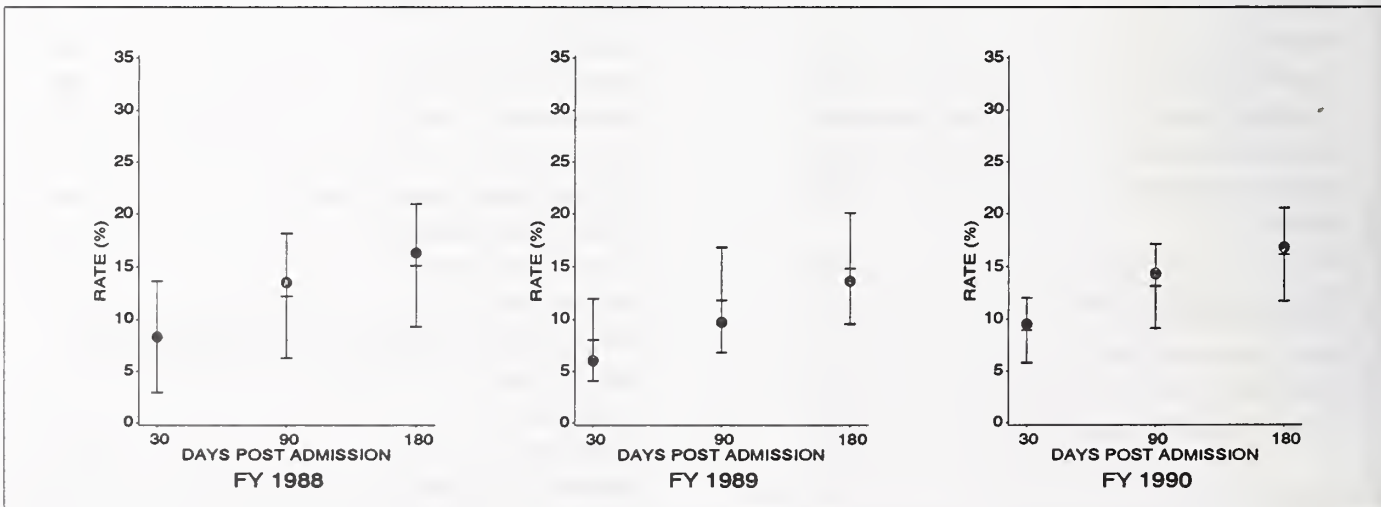
222 W 39TH AVE  
SAN MATEO, CA 94403  
Medicare Provider Number: 050113

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 398                | 9.5                 | 8.9  | 1.6  | 14.3    | 13.1 | 2.0  | 16.8     | 16.1 | 2.2  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 10                 | 50.0                | 38.8 | ---- | 50.0    | 41.1 | ---- | 50.0     | 43.7 | ---- |
| Congestive Heart Failure.....              | 29                 | 24.1                | 15.9 | ---- | 41.4    | 24.6 | ---- | 41.4     | 30.6 | ---- |
| Pneumonia/Influenza.....                   | 16                 | 0.0                 | 13.0 | ---- | 6.3     | 18.5 | ---- | 6.3      | 22.6 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 3                  | 0.0                 | 7.1  | ---- | 0.0     | 11.9 | ---- | 33.3     | 16.4 | ---- |
| Transient Cerebral Ischemia.....           | 3                  | 33.3                | 1.1  | ---- | 33.3    | 2.5  | ---- | 33.3     | 4.4  | ---- |
| Stroke.....                                | 10                 | 10.0                | 17.3 | ---- | 20.0    | 22.7 | ---- | 20.0     | 26.0 | ---- |
| Hip Fracture.....                          | 11                 | 0.0                 | 4.9  | ---- | 0.0     | 9.0  | ---- | 0.0      | 11.9 | ---- |
| Sepsis.....                                | 2                  | 0.0                 | 10.4 | ---- | 0.0     | 13.9 | ---- | 0.0      | 17.4 | ---- |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 2                  | 0.0                 | 1.0  | ---- | 0.0     | 2.0  | ---- | 0.0      | 3.1  | ---- |
| Carotid Endarterectomy.....                | 0                  |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 5                  | 0.0                 | 1.3  | ---- | 0.0     | 2.4  | ---- | 0.0      | 3.5  | ---- |
| Open Reduction of Hip Fracture.....        | 6                  | 0.0                 | 3.9  | ---- | 0.0     | 7.5  | ---- | 0.0      | 9.8  | ---- |
| Prostatectomy.....                         | 10                 | 0.0                 | 3.1  | ---- | 0.0     | 6.8  | ---- | 10.0     | 9.7  | ---- |
| Cholecystectomy.....                       | 6                  | 33.3                | 5.4  | ---- | 33.3    | 8.4  | ---- | 33.3     | 9.7  | ---- |
| Hysterectomy.....                          | 3                  | 0.0                 | 0.1  | ---- | 0.0     | 0.4  | ---- | 0.0      | 0.7  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# SAN MATEO COUNTY GENERAL HOSPITAL

Medicare Provider Number: 050113

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 64.8 years  
Proportion female..... 50.5 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 1.0 %  
Transferred from skilled nursing facility..... 0.5 %  
Admitted for elective procedure..... 9.3 %  
Admitted for emergency..... 89.7 %

### COMORBIDITIES:

Cancer..... 5.0 %  
Chronic cardiovascular disease..... 23.9 %  
Chronic liver disease..... 2.8 %  
Chronic renal disease..... 2.5 %  
Chronic pulmonary disease..... 10.6 %  
Cerebrovascular degeneration..... 12.3 %  
Diabetes mellitus..... 5.8 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 86.0%  
State ..... 11.4%  
Outside State ..... 2.6%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 11.3 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 240  
Occupancy Rate ..... 82.0 %  
Ownership/Control..... Local Government  
Medicare Discharges ..... 23.5 %  
Case Mix Index (CMI) ..... 1.2129

### STAFFING:

Total Number of Physicians..... 234  
Percent of Physicians Board  
Certified Specialists..... 67.1 %  
Medical Residents/Interns ..... 0  
Registered Nurses ..... 140  
Licensed Practical Nurses ..... 21

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... Yes  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... Yes  
Psychiatric ..... Yes  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# SAN RAMON REGIONAL MEDICAL CENTER

6001 NORRIS CANYON ROAD  
SAN RAMON, CA 94583  
Medicare Provider Number: 050689

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 212                | 7.5                 | 7.6  | 1.8  | 9.9     | 11.4 | 2.5  | 12.7     | 14.6 | 2.9  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 9                  | 0.0                 | 15.0 | ---- | 0.0     | 16.7 | ---- | 0.0      | 18.8 | ---- |
| Congestive Heart Failure.....              | 8                  | 12.5                | 9.7  | ---- | 12.5    | 15.3 | ---- | 12.5     | 20.5 | ---- |
| Pneumonia/Influenza.....                   | 11                 | 27.3                | 14.9 | ---- | 27.3    | 19.9 | ---- | 27.3     | 24.4 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 1                  | 0.0                 | 9.2  | ---- | 0.0     | 19.0 | ---- | 0.0      | 29.6 | ---- |
| Transient Cerebral Ischemia.....           | 2                  | 0.0                 | 1.5  | ---- | 0.0     | 4.0  | ---- | 0.0      | 7.4  | ---- |
| Stroke.....                                | 6                  | 16.7                | 16.9 | ---- | 16.7    | 24.9 | ---- | 33.3     | 29.5 | ---- |
| Hip Fracture.....                          | 12                 | 0.0                 | 5.5  | ---- | 8.3     | 9.5  | ---- | 8.3      | 12.6 | ---- |
| Sepsis.....                                | 4                  | 25.0                | 20.9 | ---- | 25.0    | 24.9 | ---- | 25.0     | 29.6 | ---- |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 6                  | 0.0                 | 1.6  | ---- | 0.0     | 3.5  | ---- | 0.0      | 5.7  | ---- |
| Carotid Endarterectomy.....                | 0                  |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 10                 | 0.0                 | 3.7  | ---- | 10.0    | 6.3  | ---- | 10.0     | 8.3  | ---- |
| Open Reduction of Hip Fracture.....        | 6                  | 0.0                 | 4.2  | ---- | 0.0     | 8.0  | ---- | 0.0      | 11.2 | ---- |
| Prostatectomy.....                         | 4                  | 0.0                 | 1.3  | ---- | 0.0     | 3.3  | ---- | 0.0      | 5.9  | ---- |
| Cholecystectomy.....                       | 7                  | 0.0                 | 0.9  | ---- | 0.0     | 1.6  | ---- | 0.0      | 2.3  | ---- |
| Hysterectomy.....                          | 1                  | 0.0                 | 0.8  | ---- | 0.0     | 2.0  | ---- | 0.0      | 3.3  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES

No Graphs are presented when the standard deviation  
was not computed for one or more of the three fiscal years,  
(1988, 1989, or 1990)

# SAN RAMON REGIONAL MEDICAL CENTER

Medicare Provider Number: 050689

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 74.8 years  
Proportion female..... 59.0 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 30.7 %  
Transferred from skilled nursing facility..... 0.5 %  
Admitted for elective procedure..... 8.5 %  
Admitted for emergency..... 27.4 %

### COMORBIDITIES:

Cancer..... 7.5 %  
Chronic cardiovascular disease..... 21.7 %  
Chronic liver disease..... 0.5 %  
Chronic renal disease..... 2.4 %  
Chronic pulmonary disease..... 9.4 %  
Cerebrovascular degeneration..... 4.7 %  
Diabetes mellitus..... 4.2 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 63.6%  
State ..... 28.6%  
Outside State ..... 7.8%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 6.6 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 127  
Ownership/Control..... Private, For Profit  
Case Mix Index (CMI) ..... 1.4765

### STAFFING:

Medical Residents/Interns ..... 0  
Registered Nurses ..... 68  
Licensed Practical Nurses ..... 0

### SPECIALTY SERVICES:

Burn Unit ..... No  
Coronary Care Unit ..... Yes  
Hospice Care ..... No  
Intensive Care Unit ..... Yes  
Organ Transplant ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

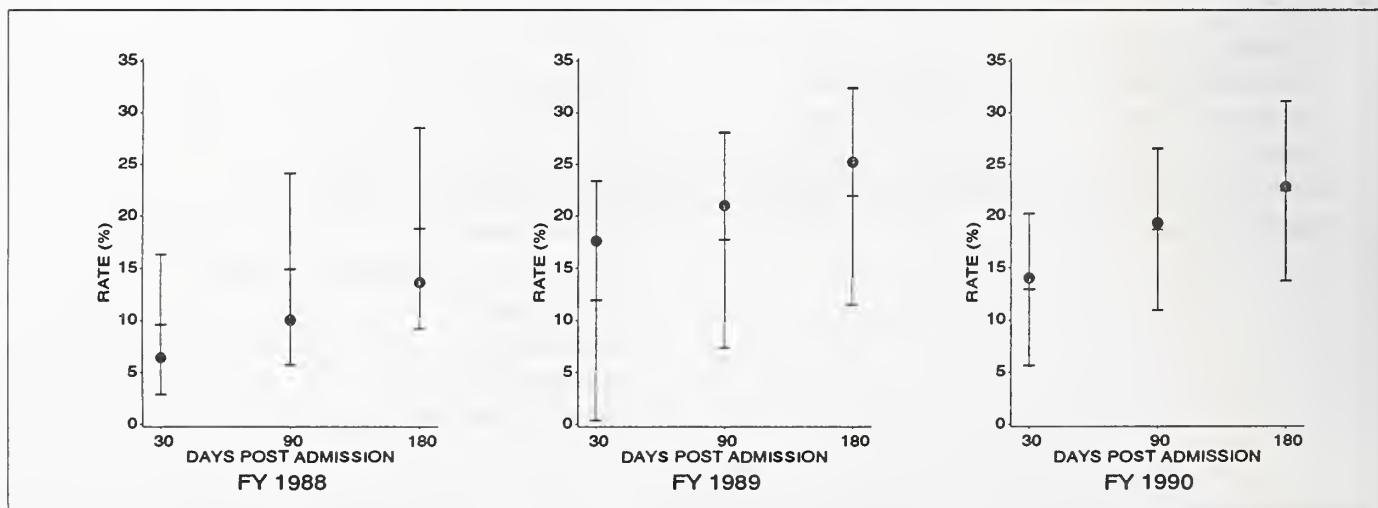
**SANGER HOSPITAL**  
2558 JENSEN AVE  
SANGER, CA 93657  
Medicare Provider Number: 050410

**FY 1990 MEDICARE HOSPITAL MORTALITY RATES**

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 114             | 14.0                | 12.9 | 3.6   | 19.3    | 18.7 | 3.9   | 22.8     | 22.4 | 4.4   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 7               | 28.6                | 33.0 | ----- | 28.6    | 36.8 | ----- | 28.6     | 39.7 | ----- |
| Congestive Heart Failure.....              | 12              | 33.3                | 14.8 | ----- | 50.0    | 23.2 | ----- | 58.3     | 28.9 | ----- |
| Pneumonia/Influenza.....                   | 17              | 11.8                | 14.5 | ----- | 29.4    | 19.9 | ----- | 29.4     | 23.6 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 1               | 0.0                 | 35.3 | ----- | 0.0     | 53.1 | ----- | 0.0      | 61.7 | ----- |
| Transient Cerebral Ischemia.....           | 2               | 0.0                 | 2.2  | ----- | 0.0     | 5.1  | ----- | 0.0      | 8.0  | ----- |
| Stroke.....                                | 5               | 40.0                | 36.1 | ----- | 40.0    | 42.6 | ----- | 40.0     | 46.7 | ----- |
| Hip Fracture.....                          | 2               | 0.0                 | 2.4  | ----- | 0.0     | 4.3  | ----- | 0.0      | 5.9  | ----- |
| Sepsis.....                                | 1               | 100.0               | 10.3 | ----- | 100.0   | 18.9 | ----- | 100.0    | 24.2 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 0               |                     |      |       |         |      |       |          |      |       |
| Open Reduction of Hip Fracture.....        | 1               | 0.0                 | 2.1  | ----- | 0.0     | 4.2  | ----- | 0.0      | 5.6  | ----- |
| Prostatectomy.....                         | 4               | 0.0                 | 0.4  | ----- | 0.0     | 1.1  | ----- | 0.0      | 2.0  | ----- |
| Cholecystectomy.....                       | 6               | 0.0                 | 2.0  | ----- | 0.0     | 3.3  | ----- | 0.0      | 4.2  | ----- |
| Hysterectomy.....                          | 3               | 0.0                 | 0.2  | ----- | 0.0     | 0.5  | ----- | 0.0      | 1.0  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

**OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$  SD)  
FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES**





**SANGER HOSPITAL**  
Medicare Provider Number: 050410

**FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES**

|                                                |            |
|------------------------------------------------|------------|
| <b>DEMOGRAPHICS:</b>                           |            |
| Average age at admission.....                  | 78.4 years |
| Proportion female.....                         | 55.3 %     |
| <b>ADMISSION SOURCES/TYPES:</b>                |            |
| Referred by personal or HMO physician.....     | 66.7 %     |
| Transferred from skilled nursing facility..... | 9.6 %      |
| Admitted for elective procedure.....           | 11.4 %     |
| Admitted for emergency.....                    | 41.2 %     |

|                                     |        |
|-------------------------------------|--------|
| <b>COMORBIDITIES:</b>               |        |
| Cancer.....                         | 2.6 %  |
| Chronic cardiovascular disease..... | 37.7 % |
| Chronic liver disease.....          | 0.9 %  |
| Chronic renal disease.....          | 1.8 %  |
| Chronic pulmonary disease.....      | 24.6 % |
| Cerebrovascular degeneration.....   | 0.9 %  |
| Diabetes mellitus.....              | 14.9 % |

**ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\***

|                                              |        |
|----------------------------------------------|--------|
| <b>ORIGIN OF MEDICARE PATIENT ADMISSION:</b> |        |
| County/City.....                             | 99.3%  |
| State.....                                   | 0.0%   |
| Outside State.....                           | 0.7%   |
| Total.....                                   | 100.0% |

|                                         |          |
|-----------------------------------------|----------|
| <b>MEDICARE AVERAGE LENGTH OF STAY:</b> |          |
| Hospital.....                           | 5.6 Days |
| State.....                              | 7.1 Days |
| National.....                           | 8.6 Days |

**HOSPITAL CHARACTERISTICS\***

|                                                                    |                     |
|--------------------------------------------------------------------|---------------------|
| <b>SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990</b> |                     |
| <b>PROFILE:</b>                                                    |                     |
| Total Beds.....                                                    | 49                  |
| Occupancy Rate.....                                                | (Not Available)     |
| Ownership/Control.....                                             | Private, For Profit |
| Medicare Discharges.....                                           | (Not Available)     |
| Case Mix Index (CMI).....                                          | 1.1017              |
| <b>STAFFING:</b>                                                   |                     |
| Total Number of Physicians.....                                    | 14                  |
| Percent of Physicians Board Certified Specialists.....             | 71.4 %              |
| Medical Residents/Interns.....                                     | 0                   |
| Registered Nurses.....                                             | 9                   |
| Licensed Practical Nurses.....                                     | 7                   |
| <b>SPECIALTY SERVICES:</b>                                         |                     |
| Burn Unit.....                                                     | No                  |
| Cardiac Intensive Care.....                                        | No                  |
| Comprehensive Geriatric.....                                       | No                  |
| Hospice Care.....                                                  | No                  |
| Medical/Surgical Intensive Care.....                               | No                  |
| Organ/Tissue Transplant.....                                       | No                  |
| Other Intensive Care.....                                          | No                  |
| Trauma Center.....                                                 | No                  |
| <b>OTHER SPECIALTY/HOSPITAL-BASED SERVICES:</b>                    |                     |
| Alcohol/Drug.....                                                  | No                  |
| Rehabilitation.....                                                | No                  |
| Psychiatric.....                                                   | No                  |
| Medicare Swing Beds.....                                           | No                  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# SANTA CLARA VALLEY MEDICAL CENTER

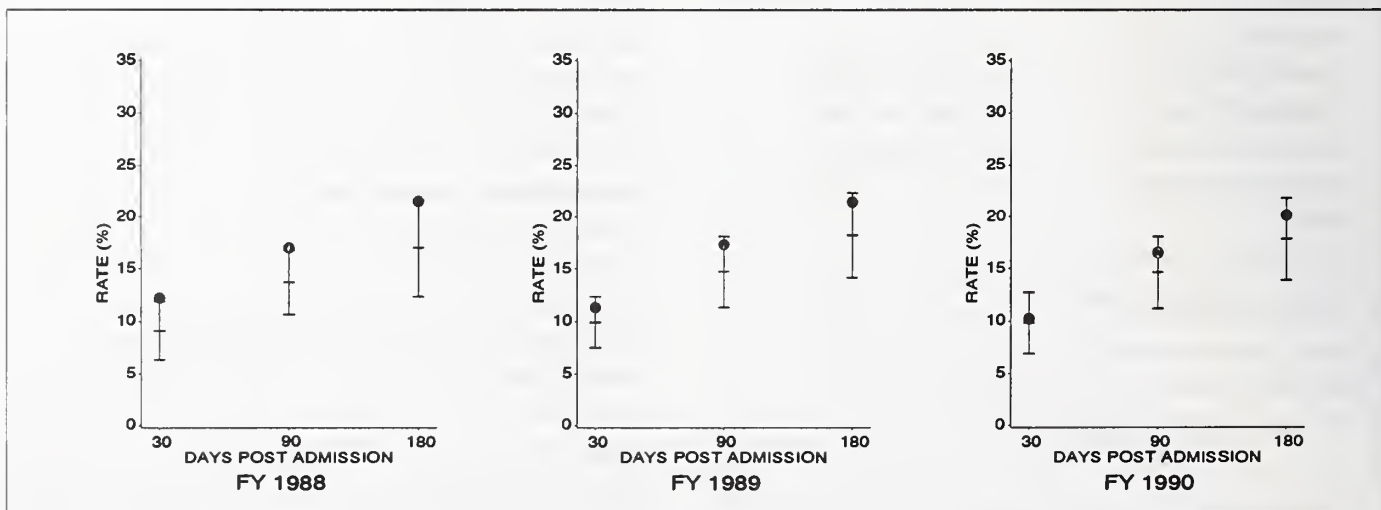
751 S BASCOM AVE  
SAN JOSE, CA 95128  
Medicare Provider Number: 050038

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 998             | 10.2                | 9.8  | 1.5   | 16.5    | 14.6 | 1.7   | 20.1     | 17.8 | 2.0   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 37              | 35.1                | 21.3 | ----- | 37.8    | 25.0 | ----- | 43.2     | 28.3 | ----- |
| Congestive Heart Failure.....              | 32              | 15.6                | 15.5 | ----- | 25.0    | 24.5 | ----- | 31.3     | 30.8 | ----- |
| Pneumonia/Influenza.....                   | 67              | 14.9                | 15.3 | 5.3   | 23.9    | 21.7 | 6.4   | 29.9     | 25.9 | 7.0   |
| Chronic Obstructive Pulmonary Disease..... | 16              | 6.3                 | 9.4  | ----- | 25.0    | 16.3 | ----- | 37.5     | 21.2 | ----- |
| Transient Cerebral Ischemia.....           | 11              | 0.0                 | 3.2  | ----- | 0.0     | 6.9  | ----- | 0.0      | 10.5 | ----- |
| Stroke.....                                | 23              | 13.0                | 22.2 | ----- | 17.4    | 28.1 | ----- | 21.7     | 31.8 | ----- |
| Hip Fracture.....                          | 24              | 0.0                 | 6.0  | ----- | 8.3     | 11.0 | ----- | 8.3      | 14.7 | ----- |
| Sepsis.....                                | 8               | 37.5                | 15.7 | ----- | 37.5    | 21.1 | ----- | 37.5     | 25.0 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 7               | 0.0                 | 1.6  | ----- | 0.0     | 2.2  | ----- | 0.0      | 2.9  | ----- |
| Coronary Artery Bypass Graft.....          | 6               | 33.3                | 6.3  | ----- | 33.3    | 10.2 | ----- | 50.0     | 11.7 | ----- |
| Initial Pacemaker Insertion.....           | 1               | 0.0                 | 0.1  | ----- | 0.0     | 0.1  | ----- | 0.0      | 0.2  | ----- |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 10              | 0.0                 | 1.8  | ----- | 10.0    | 3.6  | ----- | 10.0     | 5.1  | ----- |
| Open Reduction of Hip Fracture.....        | 12              | 0.0                 | 6.2  | ----- | 8.3     | 11.8 | ----- | 8.3      | 16.1 | ----- |
| Prostatectomy.....                         | 3               | 0.0                 | 1.7  | ----- | 0.0     | 4.1  | ----- | 0.0      | 7.0  | ----- |
| Cholecystectomy.....                       | 9               | 0.0                 | 2.2  | ----- | 0.0     | 4.3  | ----- | 0.0      | 5.6  | ----- |
| Hysterectomy.....                          | 4               | 0.0                 | 0.3  | ----- | 0.0     | 0.8  | ----- | 0.0      | 1.5  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# SANTA CLARA VALLEY MEDICAL CENTER

Medicare Provider Number: 050038

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 67.1 years  
Proportion female..... 52.4 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 10.5 %  
Transferred from skilled nursing facility..... 4.8 %  
Admitted for elective procedure..... 5.0 %  
Admitted for emergency..... 8.7 %

### COMORBIDITIES:

Cancer..... 4.3 %  
Chronic cardiovascular disease..... 24.8 %  
Chronic liver disease..... 3.2 %  
Chronic renal disease..... 5.7 %  
Chronic pulmonary disease..... 10.7 %  
Cerebrovascular degeneration..... 12.0 %  
Diabetes mellitus..... 8.0 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 90.0%  
State ..... 8.5%  
Outside State ..... 1.5%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 8.0 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 487  
Occupancy Rate ..... 99.0 %  
Ownership/Control..... Local Government  
Medicare Discharges .....(Not Available)  
Case Mix Index (CMI) ..... 1.3711

### STAFFING:

Total Number of Physicians..... (Not Available)  
Percent of Physicians Board  
Certified Specialists .....(Not Available)  
Medical Residents/Interns ..... (Not Available)  
Registered Nurses..... (Not Available)  
Licensed Practical Nurses ..... (Not Available)

### SPECIALTY SERVICES:

Burn Unit ..... Yes  
Cardiac Intensive Care ..... Yes  
Comprehensive Geriatric ..... Yes  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... Yes  
Psychiatric..... Yes  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# SANTA ROSA MEMORIAL HOSPITAL

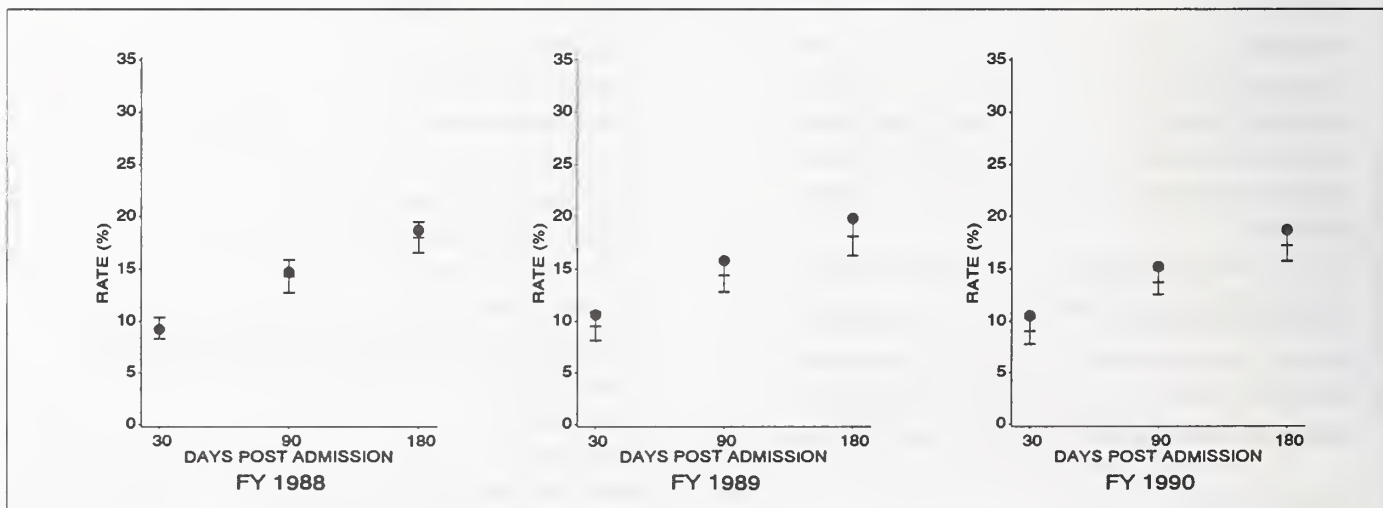
1165 MONTGOMERY DR  
SANTA ROSA, CA 95405  
Medicare Provider Number: 050174

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 3569            | 10.5                | 9.0  | 0.6   | 15.2    | 13.7 | 0.6   | 18.7     | 17.2 | 0.7   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 137             | 19.7                | 25.1 | 4.2   | 22.6    | 27.9 | 4.6   | 25.5     | 30.5 | 4.9   |
| Congestive Heart Failure.....              | 171             | 15.2                | 13.9 | 3.8   | 25.1    | 22.0 | 5.9   | 35.1     | 28.1 | 7.3   |
| Pneumonia/Influenza.....                   | 124             | 16.1                | 15.3 | 4.5   | 23.4    | 21.1 | 4.4   | 25.0     | 24.8 | 3.9   |
| Chronic Obstructive Pulmonary Disease..... | 49              | 12.2                | 7.2  | ----- | 20.4    | 13.3 | ----- | 26.5     | 18.3 | ----- |
| Transient Cerebral Ischemia.....           | 29              | 3.4                 | 2.5  | ----- | 10.3    | 5.6  | ----- | 10.3     | 8.7  | ----- |
| Stroke.....                                | 141             | 24.8                | 20.1 | 5.8   | 31.9    | 26.3 | 5.6   | 36.2     | 30.1 | 5.9   |
| Hip Fracture.....                          | 144             | 6.9                 | 6.5  | 2.7   | 13.9    | 11.5 | 3.8   | 15.3     | 15.1 | 3.7   |
| Sepsis.....                                | 55              | 23.6                | 30.7 | 9.1   | 32.7    | 40.0 | 11.3  | 41.8     | 45.4 | 11.9  |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 189             | 4.2                 | 3.0  | 1.5   | 4.8     | 4.0  | 1.5   | 6.3      | 5.0  | 2.0   |
| Coronary Artery Bypass Graft.....          | 112             | 7.1                 | 4.5  | 3.3   | 8.0     | 6.4  | 3.3   | 8.9      | 7.3  | 3.3   |
| Initial Pacemaker Insertion.....           | 34              | 2.9                 | 3.0  | ----- | 2.9     | 5.9  | ----- | 2.9      | 8.4  | ----- |
| Carotid Endarterectomy.....                | 35              | 2.9                 | 1.2  | ----- | 2.9     | 2.4  | ----- | 2.9      | 3.6  | ----- |
| Hip Replacement/Reconstruction.....        | 96              | 4.2                 | 2.1  | 3.5   | 7.3     | 4.0  | 4.6   | 7.3      | 5.6  | 4.6   |
| Open Reduction of Hip Fracture.....        | 77              | 5.2                 | 6.4  | 3.2   | 14.3    | 11.7 | 4.5   | 15.6     | 15.6 | 5.6   |
| Prostatectomy.....                         | 105             | 1.0                 | 0.7  | 0.9   | 1.0     | 1.6  | 1.4   | 1.9      | 2.7  | 2.1   |
| Cholecystectomy.....                       | 72              | 4.2                 | 1.8  | 2.5   | 6.9     | 3.3  | 2.9   | 8.3      | 4.6  | 3.2   |
| Hysterectomy.....                          | 24              | 0.0                 | 0.2  | ----- | 4.2     | 0.6  | ----- | 4.2      | 1.0  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# SANTA ROSA MEMORIAL HOSPITAL

Medicare Provider Number: 050174

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 74.7 years |
| Proportion female.....        | 55.1 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 51.1 % |
| Transferred from skilled nursing facility..... | 0.1 %  |
| Admitted for elective procedure.....           | 22.2 % |
| Admitted for emergency.....                    | 21.6 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 9.5 %  |
| Chronic cardiovascular disease..... | 24.7 % |
| Chronic liver disease.....          | 0.8 %  |
| Chronic renal disease.....          | 3.1 %  |
| Chronic pulmonary disease.....      | 13.1 % |
| Cerebrovascular degeneration.....   | 1.8 %  |
| Diabetes mellitus.....              | 4.7 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 87.1%  |
| State .....         | 11.8%  |
| Outside State ..... | 1.1%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 6.6 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |        |
|----------------------------|--------|
| Total Beds .....           | 225    |
| Occupancy Rate .....       | 79.0 % |
| Ownership/Control.....     | Church |
| Medicare Discharges .....  | 44.3 % |
| Case Mix Index (CMI) ..... | 1.5730 |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 342    |
| Percent of Physicians Board<br>Certified Specialists ..... | 89.8 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 208    |
| Licensed Practical Nurses .....                            | 45     |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | Yes |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | Yes |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |    |
|---------------------------|----|
| Alcohol/Drug .....        | No |
| Rehabilitation.....       | No |
| Psychiatric .....         | No |
| Medicare Swing Beds ..... | No |

\*\* Except for CMI

\* Not used in calculating mortality rates

# SANTA TERESA COMMUNITY HOSPITAL

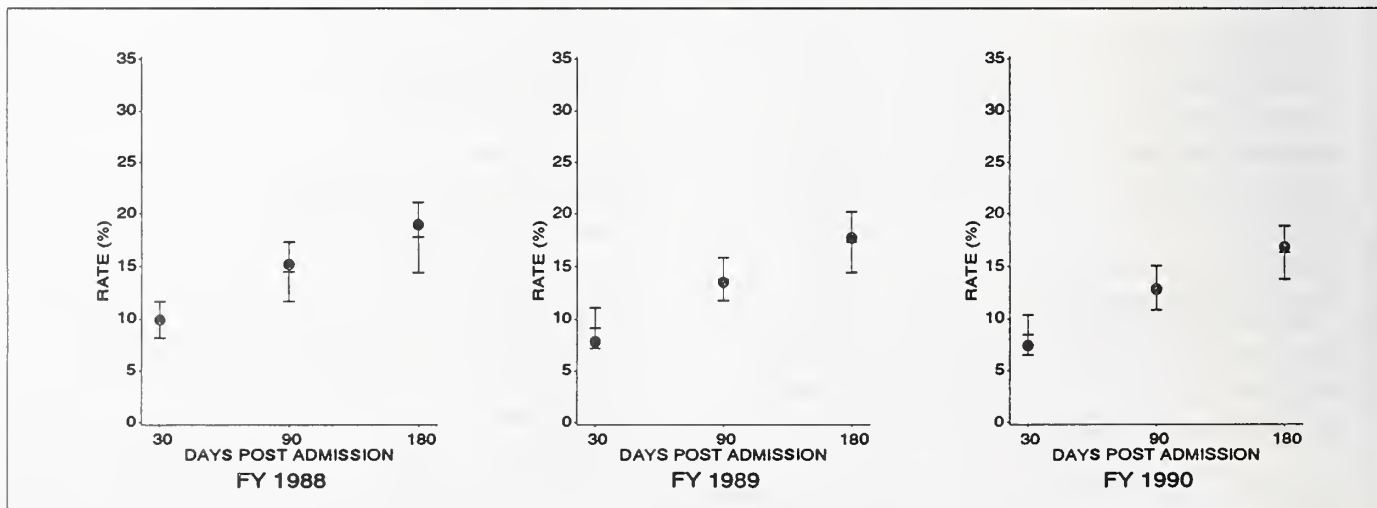
250 HOSPITAL PKWY  
SAN JOSE, CA 95119  
Medicare Provider Number: 050604

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1173            | 7.4                 | 8.4  | 1.0   | 12.8    | 12.9 | 1.1   | 16.8     | 16.3 | 1.3   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 43              | 18.6                | 22.7 | ----- | 25.6    | 25.5 | ----- | 27.9     | 27.9 | ----- |
| Congestive Heart Failure.....              | 65              | 12.3                | 15.4 | 6.0   | 16.9    | 24.4 | 9.3   | 20.0     | 31.0 | 11.3  |
| Pneumonia/Influenza.....                   | 50              | 10.0                | 13.0 | ----- | 14.0    | 18.2 | ----- | 18.0     | 21.7 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 25              | 4.0                 | 8.9  | ----- | 12.0    | 15.5 | ----- | 12.0     | 20.2 | ----- |
| Transient Cerebral Ischemia.....           | 10              | 0.0                 | 1.5  | ----- | 0.0     | 3.4  | ----- | 0.0      | 5.6  | ----- |
| Stroke.....                                | 37              | 18.9                | 23.2 | ----- | 32.4    | 29.5 | ----- | 43.2     | 33.2 | ----- |
| Hip Fracture.....                          | 24              | 0.0                 | 6.2  | ----- | 4.2     | 11.5 | ----- | 8.3      | 15.2 | ----- |
| Sepsis.....                                | 7               | 28.6                | 41.5 | ----- | 42.9    | 54.1 | ----- | 57.1     | 59.9 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 2               | 0.0                 | 6.0  | ----- | 50.0    | 13.2 | ----- | 50.0     | 19.6 | ----- |
| Carotid Endarterectomy.....                | 11              | 0.0                 | 1.4  | ----- | 0.0     | 2.5  | ----- | 0.0      | 3.6  | ----- |
| Hip Replacement/Reconstruction.....        | 19              | 0.0                 | 2.9  | ----- | 5.3     | 5.3  | ----- | 5.3      | 6.8  | ----- |
| Open Reduction of Hip Fracture.....        | 13              | 0.0                 | 5.5  | ----- | 0.0     | 10.6 | ----- | 7.7      | 14.5 | ----- |
| Prostatectomy.....                         | 26              | 0.0                 | 0.5  | ----- | 0.0     | 1.1  | ----- | 3.8      | 2.0  | ----- |
| Cholecystectomy.....                       | 36              | 2.8                 | 2.0  | ----- | 5.6     | 3.3  | ----- | 5.6      | 4.0  | ----- |
| Hysterectomy.....                          | 6               | 0.0                 | 0.5  | ----- | 0.0     | 1.3  | ----- | 0.0      | 2.2  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# SANTA TERESA COMMUNITY HOSPITAL

Medicare Provider Number: 050604

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 71.9 years  
Proportion female..... 51.6 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 41.1 %  
Transferred from skilled nursing facility..... 0.4 %  
Admitted for elective procedure..... 29.3 %  
Admitted for emergency..... 22.6 %

### COMORBIDITIES:

Cancer..... 9.0 %  
Chronic cardiovascular disease..... 36.0 %  
Chronic liver disease..... 0.9 %  
Chronic renal disease..... 6.1 %  
Chronic pulmonary disease..... 13.6 %  
Cerebrovascular degeneration..... 3.0 %  
Diabetes mellitus..... 8.4 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 85.0%  
State ..... 12.6%  
Outside State ..... 2.4%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 8.0 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 196  
Occupancy Rate ..... 69.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 18.1 %  
Case Mix Index (CMI) ..... 1.2927

### STAFFING:

Total Number of Physicians..... (Not Available)  
Percent of Physicians Board  
Certified Specialists .....(Not Available)  
Medical Residents/Interns ..... (Not Available)  
Registered Nurses..... (Not Available)  
Licensed Practical Nurses..... (Not Available)

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... Yes  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# SELMA DISTRICT HOSPITAL

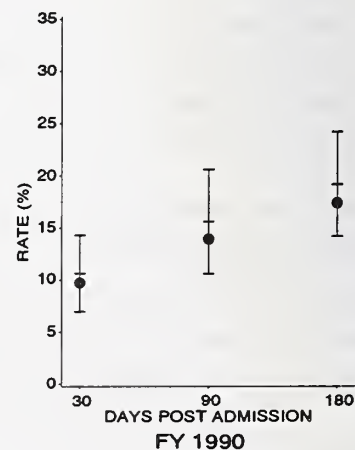
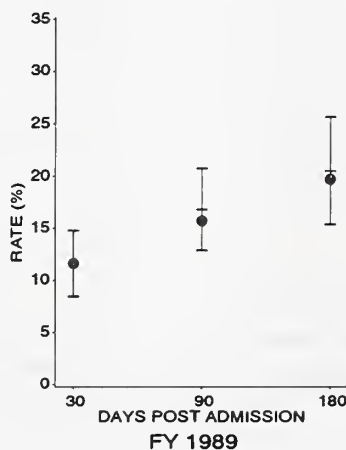
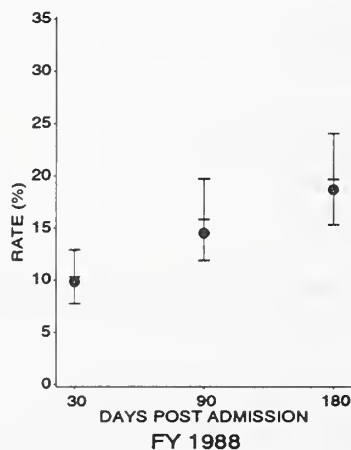
1141 ROSE AVE  
SELMA, CA 93662  
Medicare Provider Number: 050470

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 648             | 9.7                 | 10.6 | 1.8   | 13.9    | 15.6 | 2.5   | 17.4     | 19.2 | 2.5   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial infarction.....           | 28              | 17.9                | 28.8 | ----- | 25.0    | 31.9 | ----- | 25.0     | 35.1 | ----- |
| Congestive Heart Failure.....              | 47              | 14.9                | 15.3 | ----- | 25.5    | 24.0 | ----- | 31.9     | 30.3 | ----- |
| Pneumonia/Influenza.....                   | 59              | 15.3                | 17.8 | 5.8   | 18.6    | 24.2 | 7.1   | 25.4     | 28.1 | 7.1   |
| Chronic Obstructive Pulmonary Disease..... | 6               | 16.7                | 8.1  | ----- | 16.7    | 14.0 | ----- | 16.7     | 18.7 | ----- |
| Transient Cerebral Ischemia.....           | 5               | 0.0                 | 2.9  | ----- | 0.0     | 6.4  | ----- | 20.0     | 10.4 | ----- |
| Stroke.....                                | 33              | 9.1                 | 21.1 | ----- | 15.2    | 27.9 | ----- | 15.2     | 31.7 | ----- |
| Hip Fracture.....                          | 32              | 9.4                 | 6.6  | ----- | 9.4     | 12.2 | ----- | 12.5     | 16.0 | ----- |
| Sepsis.....                                | 24              | 41.7                | 30.1 | ----- | 50.0    | 37.2 | ----- | 50.0     | 41.6 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 20              | 0.0                 | 4.8  | ----- | 0.0     | 9.1  | ----- | 0.0      | 12.1 | ----- |
| Open Reduction of Hip Fracture.....        | 14              | 7.1                 | 4.6  | ----- | 7.1     | 9.0  | ----- | 7.1      | 12.5 | ----- |
| Prostatectomy.....                         | 18              | 0.0                 | 1.1  | ----- | 0.0     | 2.7  | ----- | 0.0      | 4.8  | ----- |
| Cholecystectomy.....                       | 13              | 0.0                 | 1.7  | ----- | 0.0     | 2.7  | ----- | 7.7      | 3.4  | ----- |
| Hysterectomy.....                          | 3               | 0.0                 | 0.1  | ----- | 0.0     | 0.4  | ----- | 0.0      | 0.7  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# SELMA DISTRICT HOSPITAL

Medicare Provider Number: 050470

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 76.9 years |
| Proportion female.....        | 59.3 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 40.3 % |
| Transferred from skilled nursing facility..... | 6.2 %  |
| Admitted for elective procedure.....           | 12.0 % |
| Admitted for emergency.....                    | 5.6 %  |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 5.6 %  |
| Chronic cardiovascular disease..... | 39.8 % |
| Chronic liver disease.....          | 1.2 %  |
| Chronic renal disease.....          | 2.6 %  |
| Chronic pulmonary disease.....      | 16.5 % |
| Cerebrovascular degeneration.....   | 5.1 %  |
| Diabetes mellitus.....              | 11.9 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 92.7%  |
| State .....         | 6.8%   |
| Outside State ..... | 0.5%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 4.7 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                    |
|----------------------------|--------------------|
| Total Beds .....           | 65                 |
| Occupancy Rate .....       | 35.0 %             |
| Ownership/Control.....     | District/Authority |
| Medicare Discharges .....  | 40.3 %             |
| Case Mix Index (CMI) ..... | 1.1721             |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 33     |
| Percent of Physicians Board<br>Certified Specialists ..... | 78.8 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 35     |
| Licensed Practical Nurses .....                            | 5      |

### SPECIALTY SERVICES:

|                                       |    |
|---------------------------------------|----|
| Burn Unit .....                       | No |
| Cardiac Intensive Care .....          | No |
| Comprehensive Geriatric .....         | No |
| Hospice Care .....                    | No |
| Medical/Surgical Intensive Care ..... | No |
| Organ/Tissue Transplant .....         | No |
| Other Intensive Care .....            | No |
| Trauma Center .....                   | No |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |    |
|---------------------------|----|
| Alcohol/Drug .....        | No |
| Rehabilitation.....       | No |
| Psychiatric .....         | No |
| Medicare Swing Beds ..... | No |

\*\* Except for CMI

\* Not used in calculating mortality rates

# SENECA DISTRICT HOSPITAL

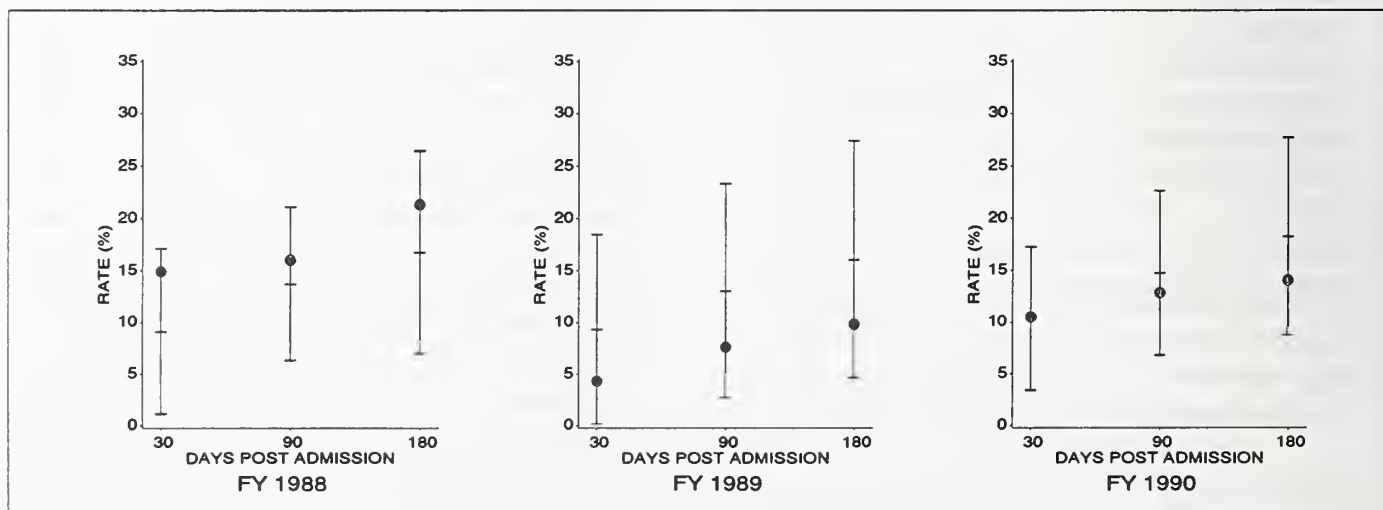
BRENTWOOD DR  
CHESTER, CA 96020  
Medicare Provider Number: 050333

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 86              | 10.5                | 10.3 | 3.5  | 12.8    | 14.7 | 4.0  | 14.0     | 18.2 | 4.7  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 2               | 0.0                 | 30.0 | ---- | 50.0    | 32.5 | ---- | 50.0     | 34.5 | ---- |
| Congestive Heart Failure.....              | 2               | 0.0                 | 11.4 | ---- | 0.0     | 18.4 | ---- | 0.0      | 24.7 | ---- |
| Pneumonia/Influenza.....                   | 13              | 7.7                 | 10.8 | ---- | 7.7     | 15.2 | ---- | 7.7      | 19.1 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 4               | 0.0                 | 14.5 | ---- | 0.0     | 23.9 | ---- | 0.0      | 31.5 | ---- |
| Transient Cerebral Ischemia.....           | 0               |                     |      |      |         |      |      |          |      |      |
| Stroke.....                                | 1               | 0.0                 | 17.5 | ---- | 0.0     | 22.7 | ---- | 0.0      | 25.0 | ---- |
| Hip Fracture.....                          | 0               |                     |      |      |         |      |      |          |      |      |
| Sepsis.....                                | 1               | 0.0                 | 11.4 | ---- | 0.0     | 13.6 | ---- | 0.0      | 16.8 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0               |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 0               |                     |      |      |         |      |      |          |      |      |
| Open Reduction of Hip Fracture.....        | 0               |                     |      |      |         |      |      |          |      |      |
| Prostatectomy.....                         | 0               |                     |      |      |         |      |      |          |      |      |
| Cholecystectomy.....                       | 3               | 0.0                 | 1.4  | ---- | 0.0     | 2.4  | ---- | 0.0      | 3.2  | ---- |
| Hysterectomy.....                          | 0               |                     |      |      |         |      |      |          |      |      |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# SENECA DISTRICT HOSPITAL

Medicare Provider Number: 050333

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 74.2 years |
| Proportion female.....        | 55.2 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 27.6 % |
| Transferred from skilled nursing facility..... | 0.0 %  |
| Admitted for elective procedure.....           | 0.0 %  |
| Admitted for emergency.....                    | 90.8 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 3.4 %  |
| Chronic cardiovascular disease..... | 33.3 % |
| Chronic liver disease.....          | 2.3 %  |
| Chronic renal disease.....          | 1.1 %  |
| Chronic pulmonary disease.....      | 33.3 % |
| Cerebrovascular degeneration.....   | 1.1 %  |
| Diabetes mellitus.....              | 1.1 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 46.9%  |
| State .....         | 50.8%  |
| Outside State ..... | 2.3%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 4.7 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                    |
|----------------------------|--------------------|
| Total Beds .....           | 26                 |
| Occupancy Rate .....       | 65.0 %             |
| Ownership/Control.....     | District/Authority |
| Medicare Discharges .....  | 46.0 %             |
| Case Mix Index (CMI) ..... | 1.0155             |

### STAFFING:

|                                                            |         |
|------------------------------------------------------------|---------|
| Total Number of Physicians.....                            | 7       |
| Percent of Physicians Board<br>Certified Specialists ..... | 100.0 % |
| Medical Residents/Interns .....                            | 0       |
| Registered Nurses .....                                    | 7       |
| Licensed Practical Nurses .....                            | 2       |

### SPECIALTY SERVICES:

|                                       |    |
|---------------------------------------|----|
| Burn Unit .....                       | No |
| Cardiac Intensive Care .....          | No |
| Comprehensive Geriatric .....         | No |
| Hospice Care .....                    | No |
| Medical/Surgical Intensive Care ..... | No |
| Organ/Tissue Transplant .....         | No |
| Other Intensive Care .....            | No |
| Trauma Center .....                   | No |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | No  |
| Psychiatric .....         | No  |
| Medicare Swing Beds ..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

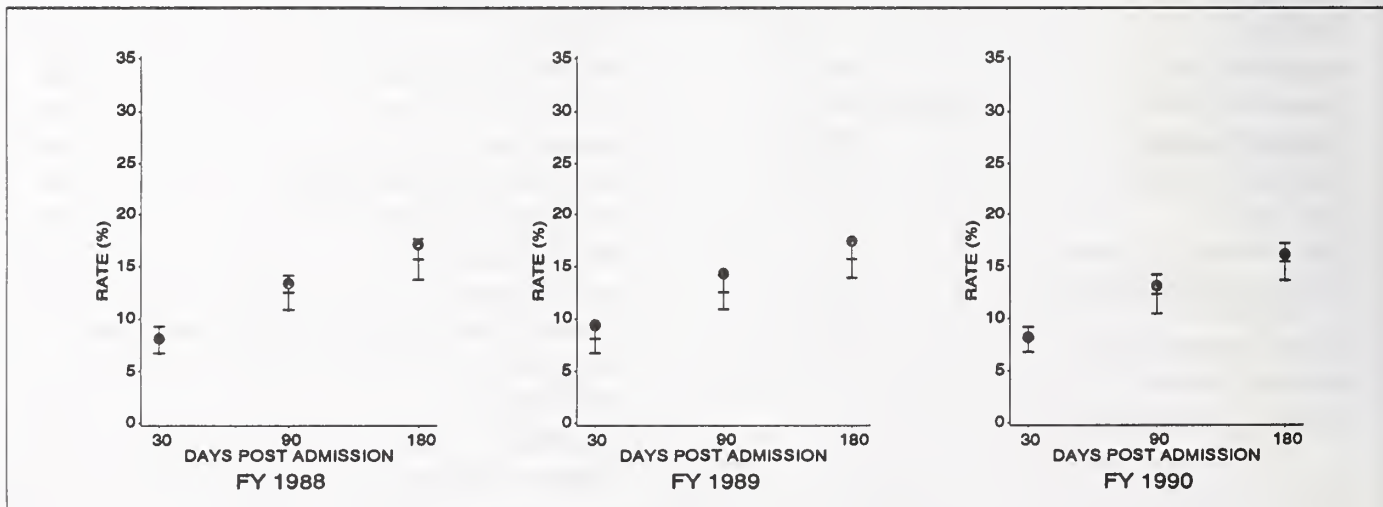
**SEQUOIA HOSPITAL**  
WHIPPLE & ALAMEDA  
REDWOOD CITY, CA 94062  
Medicare Provider Number: 050197

**FY 1990 MEDICARE HOSPITAL MORTALITY RATES**

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 2316            | 8.2                 | 8.0  | 0.6  | 13.1    | 12.3 | 0.9  | 16.1     | 15.4 | 0.9  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 60              | 18.3                | 25.2 | 9.6  | 21.7    | 28.1 | 8.8  | 28.3     | 30.6 | 7.1  |
| Congestive Heart Failure.....              | 123             | 14.6                | 14.3 | 3.4  | 23.6    | 23.1 | 4.1  | 32.5     | 29.3 | 4.8  |
| Pneumonia/Influenza.....                   | 67              | 26.9                | 15.7 | 9.1  | 31.3    | 21.9 | 8.6  | 31.3     | 25.6 | 8.3  |
| Chronic Obstructive Pulmonary Disease..... | 23              | 8.7                 | 6.0  | ---- | 17.4    | 11.1 | ---- | 17.4     | 15.4 | ---- |
| Transient Cerebral Ischemia.....           | 27              | 0.0                 | 1.4  | ---- | 3.7     | 3.1  | ---- | 3.7      | 5.2  | ---- |
| Stroke.....                                | 77              | 19.5                | 22.5 | 5.1  | 29.9    | 28.9 | 5.5  | 35.1     | 32.7 | 6.5  |
| Hip Fracture.....                          | 77              | 3.9                 | 6.0  | 3.8  | 9.1     | 11.0 | 4.3  | 15.6     | 14.5 | 4.3  |
| Sepsis.....                                | 19              | 5.3                 | 22.4 | ---- | 10.5    | 30.5 | ---- | 10.5     | 35.2 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 125             | 1.6                 | 1.7  | 1.2  | 2.4     | 2.5  | 1.7  | 4.8      | 3.3  | 2.3  |
| Coronary Artery Bypass Graft.....          | 101             | 4.0                 | 5.0  | 3.3  | 5.9     | 7.2  | 3.7  | 7.9      | 8.3  | 3.2  |
| Initial Pacemaker Insertion.....           | 45              | 2.2                 | 2.8  | ---- | 4.4     | 5.7  | ---- | 6.7      | 8.3  | ---- |
| Carotid Endarterectomy.....                | 42              | 2.4                 | 1.3  | ---- | 2.4     | 2.5  | ---- | 7.1      | 3.8  | ---- |
| Hip Replacement/Reconstruction.....        | 52              | 1.9                 | 2.8  | 3.8  | 5.8     | 5.6  | 5.0  | 11.5     | 7.7  | 5.4  |
| Open Reduction of Hip Fracture.....        | 36              | 2.8                 | 5.2  | ---- | 13.9    | 10.1 | ---- | 16.7     | 13.5 | ---- |
| Prostatectomy.....                         | 70              | 0.0                 | 1.1  | ---- | 0.0     | 2.7  | ---- | 0.0      | 4.4  | ---- |
| Cholecystectomy.....                       | 30              | 3.3                 | 2.4  | ---- | 3.3     | 4.6  | ---- | 3.3      | 6.2  | ---- |
| Hysterectomy.....                          | 16              | 0.0                 | 0.9  | ---- | 0.0     | 2.2  | ---- | 0.0      | 3.6  | ---- |

\* The Standard Deviation (SD) Is not calculated if the number of deaths or cases is too small for satisfactory estimation.

**OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD)  
FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES**





# SEQUOIA HOSPITAL

Medicare Provider Number: 050197

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 74.2 years |
| Proportion female.....        | 52.2 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 59.5 % |
| Transferred from skilled nursing facility..... | 0.5 %  |
| Admitted for elective procedure.....           | 43.5 % |
| Admitted for emergency.....                    | 36.7 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 6.6 %  |
| Chronic cardiovascular disease..... | 36.3 % |
| Chronic liver disease.....          | 1.1 %  |
| Chronic renal disease.....          | 3.3 %  |
| Chronic pulmonary disease.....      | 11.0 % |
| Cerebrovascular degeneration.....   | 4.5 %  |
| Diabetes mellitus.....              | 6.3 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 66.9%  |
| State .....         | 28.2%  |
| Outside State ..... | 4.9%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 7.5 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                    |
|----------------------------|--------------------|
| Total Beds .....           | 339                |
| Occupancy Rate .....       | 67.0 %             |
| Ownership/Control.....     | District/Authority |
| Medicare Discharges .....  | 38.7 %             |
| Case Mix Index (CMI) ..... | 1.9038             |

### STAFFING:

|                                                           |        |
|-----------------------------------------------------------|--------|
| Total Number of Physicians.....                           | 272    |
| Percent of Physicians Board<br>Certified Specialists..... | 89.7 % |
| Medical Residents/Interns .....                           | 0      |
| Registered Nurses.....                                    | 501    |
| Licensed Practical Nurses .....                           | 28     |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | Yes |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | Yes |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | Yes |
| Rehabilitation.....       | No  |
| Psychiatric .....         | Yes |
| Medicare Swing Beds ..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# SETON MEDICAL CENTER

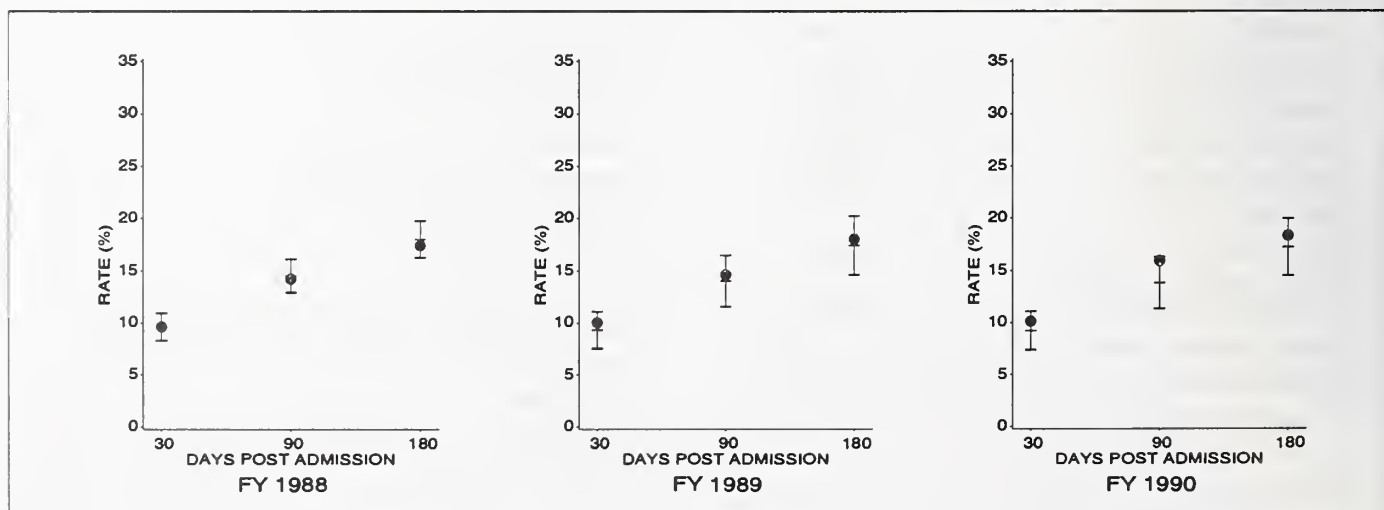
1900 SULLIVAN AVE  
DALY CITY, CA 94015  
Medicare Provider Number: 050289

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 2142            | 10.1                | 9.2  | 0.9  | 15.9    | 13.8 | 1.2  | 18.3     | 17.2 | 1.4  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 68              | 23.5                | 24.5 | 5.3  | 29.4    | 28.1 | 5.6  | 30.9     | 30.9 | 6.7  |
| Congestive Heart Failure.....              | 145             | 13.8                | 14.4 | 3.1  | 24.8    | 22.9 | 3.9  | 30.3     | 29.2 | 4.3  |
| Pneumonia/Influenza.....                   | 71              | 16.9                | 16.7 | 4.4  | 22.5    | 23.2 | 5.0  | 25.4     | 27.3 | 5.6  |
| Chronic Obstructive Pulmonary Disease..... | 11              | 9.1                 | 7.3  | ---- | 9.1     | 12.3 | ---- | 9.1      | 16.2 | ---- |
| Transient Cerebral Ischemia.....           | 27              | 0.0                 | 1.7  | ---- | 3.7     | 3.9  | ---- | 3.7      | 6.5  | ---- |
| Stroke.....                                | 95              | 23.2                | 21.6 | 4.3  | 31.6    | 27.8 | 5.0  | 36.8     | 31.5 | 5.3  |
| Hip Fracture.....                          | 50              | 18.0                | 6.4  | ---- | 20.0    | 11.2 | ---- | 22.0     | 14.5 | ---- |
| Sepsis.....                                | 29              | 37.9                | 26.0 | ---- | 48.3    | 32.2 | ---- | 48.3     | 36.2 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 113             | 0.0                 | 1.8  | 2.3  | 0.9     | 2.6  | 2.6  | 2.7      | 3.4  | 2.8  |
| Coronary Artery Bypass Graft.....          | 120             | 2.5                 | 5.2  | 2.6  | 5.8     | 7.9  | 3.6  | 6.7      | 9.2  | 3.3  |
| Initial Pacemaker Insertion.....           | 30              | 3.3                 | 3.0  | ---- | 3.3     | 5.9  | ---- | 6.7      | 8.5  | ---- |
| Carotid Endarterectomy.....                | 5               | 0.0                 | 0.9  | ---- | 20.0    | 1.8  | ---- | 20.0     | 2.9  | ---- |
| Hip Replacement/Reconstruction.....        | 29              | 0.0                 | 3.2  | ---- | 6.9     | 6.0  | ---- | 6.9      | 8.1  | ---- |
| Open Reduction of Hip Fracture.....        | 24              | 20.8                | 5.8  | ---- | 20.8    | 10.4 | ---- | 25.0     | 13.7 | ---- |
| Prostatectomy.....                         | 45              | 2.2                 | 1.0  | ---- | 2.2     | 2.2  | ---- | 4.4      | 3.7  | ---- |
| Cholecystectomy.....                       | 25              | 0.0                 | 3.8  | ---- | 0.0     | 7.1  | ---- | 0.0      | 9.5  | ---- |
| Hysterectomy.....                          | 13              | 0.0                 | 0.2  | ---- | 0.0     | 0.6  | ---- | 0.0      | 1.0  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# SETON MEDICAL CENTER

Medicare Provider Number: 050289

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 74.6 years  
Proportion female..... 54.9 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 50.9 %  
Transferred from skilled nursing facility..... 0.3 %  
Admitted for elective procedure..... 26.0 %  
Admitted for emergency..... 47.0 %

### COMORBIDITIES:

Cancer..... 6.9 %  
Chronic cardiovascular disease..... 39.3 %  
Chronic liver disease..... 1.2 %  
Chronic renal disease..... 4.7 %  
Chronic pulmonary disease..... 12.4 %  
Cerebrovascular degeneration..... 3.2 %  
Diabetes mellitus..... 6.1 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 52.7%  
State ..... 44.8%  
Outside State ..... 2.5%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 7.4 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 271  
Occupancy Rate ..... 70.0 %  
Ownership/Control..... Church  
Medicare Discharges ..... 38.9 %  
Case Mix Index (CMI) ..... 1.5766

### STAFFING:

Total Number of Physicians..... 232  
Percent of Physicians Board  
Certified Specialists ..... 92.7 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 261  
Licensed Practical Nurses ..... 37

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... Yes  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... Yes  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... Yes  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# SIERRA COMMUNITY HOSPITAL

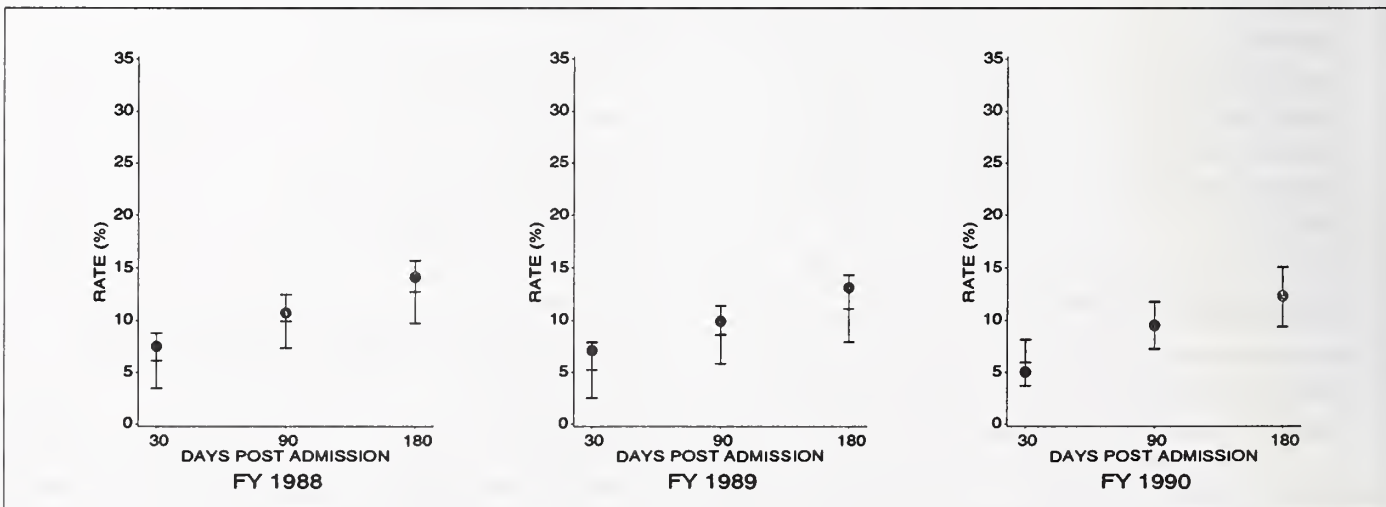
2025 E DAKOTA AVE  
FRESNO, CA 93726  
Medicare Provider Number: 050081

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 675             | 5.0                 | 5.9  | 1.1   | 9.5     | 9.5  | 1.1   | 12.3     | 12.2 | 1.4   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 4               | 50.0                | 18.8 | ----- | 50.0    | 20.9 | ----- | 50.0     | 23.5 | ----- |
| Congestive Heart Failure.....              | 16              | 18.8                | 14.9 | ----- | 31.3    | 23.7 | ----- | 37.5     | 29.9 | ----- |
| Pneumonia/Influenza.....                   | 21              | 19.0                | 12.8 | ----- | 33.3    | 17.7 | ----- | 38.1     | 21.0 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 5               | 0.0                 | 6.4  | ----- | 0.0     | 11.7 | ----- | 0.0      | 15.9 | ----- |
| Transient Cerebral Ischemia.....           | 2               | 0.0                 | 0.7  | ----- | 0.0     | 1.6  | ----- | 0.0      | 2.8  | ----- |
| Stroke.....                                | 25              | 16.0                | 15.9 | ----- | 20.0    | 21.0 | ----- | 20.0     | 24.3 | ----- |
| Hip Fracture.....                          | 35              | 2.9                 | 4.3  | ----- | 5.7     | 8.0  | ----- | 8.6      | 11.0 | ----- |
| Sepsis.....                                | 7               | 14.3                | 20.7 | ----- | 28.6    | 26.4 | ----- | 28.6     | 31.0 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 6               | 0.0                 | 2.3  | ----- | 0.0     | 4.6  | ----- | 0.0      | 6.9  | ----- |
| Carotid Endarterectomy.....                | 10              | 0.0                 | 1.3  | ----- | 0.0     | 2.5  | ----- | 10.0     | 3.5  | ----- |
| Hip Replacement/Reconstruction.....        | 49              | 2.0                 | 1.7  | ----- | 4.1     | 3.1  | ----- | 6.1      | 4.3  | ----- |
| Open Reduction of Hip Fracture.....        | 16              | 0.0                 | 3.6  | ----- | 0.0     | 7.2  | ----- | 0.0      | 10.3 | ----- |
| Prostatectomy.....                         | 47              | 0.0                 | 0.5  | ----- | 2.1     | 1.1  | ----- | 2.1      | 1.9  | ----- |
| Cholecystectomy.....                       | 14              | 0.0                 | 0.8  | ----- | 0.0     | 1.7  | ----- | 0.0      | 2.4  | ----- |
| Hysterectomy.....                          | 9               | 0.0                 | 0.1  | ----- | 0.0     | 0.2  | ----- | 0.0      | 0.3  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# SIERRA COMMUNITY HOSPITAL

Medicare Provider Number: 050081

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 73.8 years |
| Proportion female.....        | 56.1 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 90.7 % |
| Transferred from skilled nursing facility..... | 0.1 %  |
| Admitted for elective procedure.....           | 40.9 % |
| Admitted for emergency.....                    | 5.8 %  |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 3.9 %  |
| Chronic cardiovascular disease..... | 25.2 % |
| Chronic liver disease.....          | 0.7 %  |
| Chronic renal disease.....          | 8.6 %  |
| Chronic pulmonary disease.....      | 9.5 %  |
| Cerebrovascular degeneration.....   | 2.2 %  |
| Diabetes mellitus.....              | 8.9 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                    |        |
|--------------------|--------|
| County/City.....   | 83.4%  |
| State.....         | 15.4%  |
| Outside State..... | 1.2%   |
| Total.....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|               |          |
|---------------|----------|
| Hospital..... | 5.7 Days |
| State.....    | 7.1 Days |
| National..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                           |                     |
|---------------------------|---------------------|
| Total Beds.....           | 77                  |
| Occupancy Rate.....       | 40.0 %              |
| Ownership/Control.....    | Private, Non-Profit |
| Medicare Discharges.....  | (Not Available)     |
| Case Mix Index (CMI)..... | 1.5882              |

### STAFFING:

|                                                           |        |
|-----------------------------------------------------------|--------|
| Total Number of Physicians.....                           | 351    |
| Percent of Physicians Board<br>Certified Specialists..... | 83.5 % |
| Medical Residents/Interns.....                            | 0      |
| Registered Nurses.....                                    | 60     |
| Licensed Practical Nurses.....                            | 1      |

### SPECIALTY SERVICES:

|                                      |     |
|--------------------------------------|-----|
| Burn Unit.....                       | No  |
| Cardiac Intensive Care.....          | No  |
| Comprehensive Geriatric.....         | No  |
| Hospice Care.....                    | No  |
| Medical/Surgical Intensive Care..... | Yes |
| Organ/Tissue Transplant.....         | No  |
| Other Intensive Care.....            | No  |
| Trauma Center.....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                          |    |
|--------------------------|----|
| Alcohol/Drug.....        | No |
| Rehabilitation.....      | No |
| Psychiatric.....         | No |
| Medicare Swing Beds..... | No |

\*\* Except for CMI

\* Not used in calculating mortality rates

# SIERRA NEVADA MEMORIAL HOSPITAL

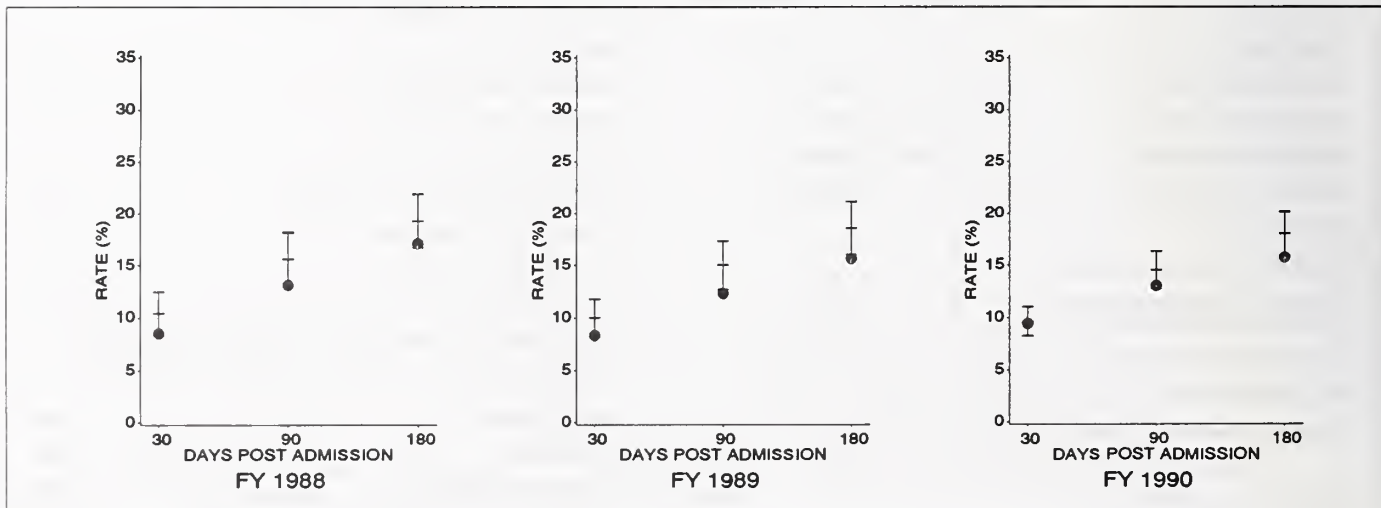
HIGHWAY 20 & GLASSON WAY  
GRASS VALLEY, CA 95945  
Medicare Provider Number: 050150

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 1781               | 9.4                 | 9.6  | 0.7  | 13.0    | 14.5 | 0.9  | 15.7     | 18.0 | 1.1  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 66                 | 28.8                | 26.2 | 5.7  | 31.8    | 29.4 | 5.9  | 34.8     | 32.2 | 6.2  |
| Congestive Heart Failure.....              | 88                 | 11.4                | 15.1 | 4.2  | 18.2    | 23.3 | 5.1  | 21.6     | 29.1 | 6.1  |
| Pneumonia/Influenza.....                   | 117                | 7.7                 | 15.4 | 5.3  | 13.7    | 21.3 | 5.7  | 21.4     | 25.2 | 5.7  |
| Chronic Obstructive Pulmonary Disease..... | 38                 | 10.5                | 6.5  | ---- | 18.4    | 11.8 | ---- | 21.1     | 15.9 | ---- |
| Transient Cerebral Ischemia.....           | 27                 | 3.7                 | 1.7  | ---- | 3.7     | 4.1  | ---- | 3.7      | 6.9  | ---- |
| Stroke.....                                | 87                 | 19.5                | 18.9 | 4.9  | 21.8    | 25.9 | 6.8  | 23.0     | 29.9 | 8.4  |
| Hip Fracture.....                          | 61                 | 3.3                 | 6.3  | 3.7  | 8.2     | 10.9 | 4.8  | 11.5     | 14.1 | 4.7  |
| Sepsis.....                                | 19                 | 26.3                | 20.1 | ---- | 26.3    | 26.8 | ---- | 26.3     | 30.5 | ---- |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 17                 | 5.9                 | 2.8  | ---- | 5.9     | 5.4  | ---- | 5.9      | 7.9  | ---- |
| Carotid Endarterectomy.....                | 6                  | 0.0                 | 1.6  | ---- | 0.0     | 2.8  | ---- | 0.0      | 4.1  | ---- |
| Hip Replacement/Reconstruction.....        | 63                 | 3.2                 | 2.7  | 2.2  | 7.9     | 4.8  | 3.8  | 9.5      | 6.4  | 4.1  |
| Open Reduction of Hip Fracture.....        | 17                 | 5.9                 | 6.7  | ---- | 5.9     | 11.8 | ---- | 11.8     | 15.2 | ---- |
| Prostatectomy.....                         | 41                 | 2.4                 | 0.8  | ---- | 2.4     | 1.8  | ---- | 2.4      | 3.0  | ---- |
| Cholecystectomy.....                       | 35                 | 2.9                 | 1.7  | ---- | 5.7     | 3.3  | ---- | 5.7      | 4.5  | ---- |
| Hysterectomy.....                          | 13                 | 0.0                 | 0.2  | ---- | 0.0     | 0.5  | ---- | 0.0      | 1.0  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# SIERRA NEVADA MEMORIAL HOSPITAL

Medicare Provider Number: 050150

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 75.6 years |
| Proportion female.....        | 55.1 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 39.7 % |
| Transferred from skilled nursing facility..... | 1.7 %  |
| Admitted for elective procedure.....           | 15.0 % |
| Admitted for emergency.....                    | 38.8 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 8.0 %  |
| Chronic cardiovascular disease..... | 36.3 % |
| Chronic liver disease.....          | 1.3 %  |
| Chronic renal disease.....          | 1.0 %  |
| Chronic pulmonary disease.....      | 13.4 % |
| Cerebrovascular degeneration.....   | 3.8 %  |
| Diabetes mellitus.....              | 4.0 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City.....    | 88.3%  |
| State .....         | 10.3%  |
| Outside State ..... | 1.4%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 5.7 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1989

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 110                 |
| Occupancy Rate .....       | 57.0 %              |
| Ownership/Control.....     | Private, Non-Profit |
| Medicare Discharges .....  | 49.5 %              |
| Case Mix Index (CMI) ..... | 1.2228              |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 89     |
| Percent of Physicians Board<br>Certified Specialists ..... | 86.5 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 138    |
| Licensed Practical Nurses .....                            | 5      |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |    |
|---------------------------|----|
| Alcohol/Drug .....        | No |
| Rehabilitation.....       | No |
| Psychiatric .....         | No |
| Medicare Swing Beds ..... | No |

\*\* Except for CMI

\* Not used in calculating mortality rates

# SIERRA VALLEY DISTRICT HOSPITAL

309 W 3RD ST  
LOYALTON, CA 96118  
Medicare Provider Number: 050355

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 21                 | 14.3                | 8.2  | ---- | 14.3    | 12.8 | ---- | 14.3     | 16.6 | ---- |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Congestive Heart Failure.....              | 2                  | 50.0                | 18.3 | ---- | 50.0    | 26.2 | ---- | 50.0     | 33.6 | ---- |
| Pneumonia/Influenza.....                   | 2                  | 0.0                 | 10.4 | ---- | 0.0     | 13.8 | ---- | 0.0      | 15.7 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 0                  |                     |      |      |         |      |      |          |      |      |
| Transient Cerebral Ischemia.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Stroke.....                                | 1                  | 0.0                 | 23.7 | ---- | 0.0     | 31.2 | ---- | 0.0      | 37.1 | ---- |
| Hip Fracture.....                          | 0                  |                     |      |      |         |      |      |          |      |      |
| Sepsis.....                                | 0                  |                     |      |      |         |      |      |          |      |      |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0                  |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 0                  |                     |      |      |         |      |      |          |      |      |
| Open Reduction of Hip Fracture.....        | 0                  |                     |      |      |         |      |      |          |      |      |
| Prostatectomy.....                         | 0                  |                     |      |      |         |      |      |          |      |      |
| Cholecystectomy.....                       | 0                  |                     |      |      |         |      |      |          |      |      |
| Hysterectomy.....                          | 0                  |                     |      |      |         |      |      |          |      |      |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES

No Graphs are presented when the standard deviation  
was not computed for one or more of the three fiscal years,  
(1988, 1989, or 1990)



# SIERRA VALLEY DISTRICT HOSPITAL

Medicare Provider Number: 050355

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 78.2 years  
Proportion female..... 61.9 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 19.0 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 0.0 %  
Admitted for emergency..... 100.0 %

### COMORBIDITIES:

Cancer..... 4.8 %  
Chronic cardiovascular disease..... 42.9 %  
Chronic liver disease..... 0.0 %  
Chronic renal disease..... 4.8 %  
Chronic pulmonary disease..... 19.0 %  
Cerebrovascular degeneration..... 0.0 %  
Diabetes mellitus..... 9.5 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 68.5%  
State ..... 28.6%  
Outside State ..... 2.9%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 2.7 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 40  
Occupancy Rate ..... 77.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges .....(Not Available)  
Case Mix Index (CMI) ..... 0.9115

### STAFFING:

Total Number of Physicians..... (Not Available)  
Percent of Physicians Board  
Certified Specialists .....(Not Available)  
Medical Residents/Interns ..... (Not Available)  
Registered Nurses..... (Not Available)  
Licensed Practical Nurses ..... (Not Available)

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... Yes  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... No  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# SIERRA VIEW DISTRICT HOSPITAL

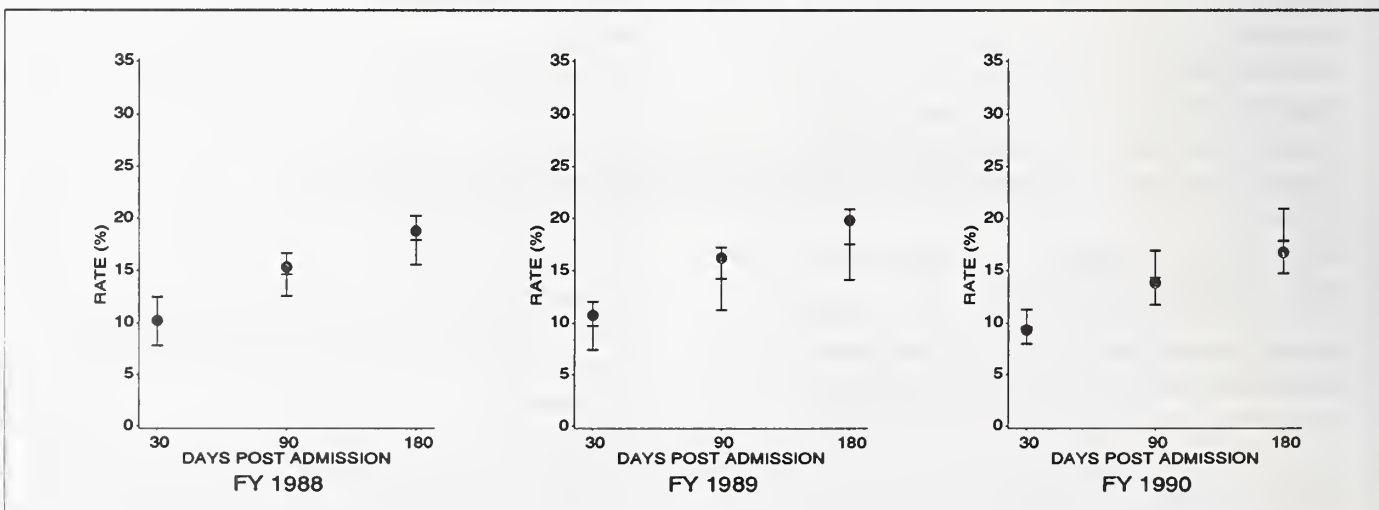
465 W PUTNAM AVE  
PORTERVILLE, CA 93257  
Medicare Provider Number: 050261

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1405               | 9.3                 | 9.6  | 0.8   | 13.8    | 14.3 | 1.3   | 16.7     | 17.8 | 1.6   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 30                 | 16.7                | 28.9 | ----- | 23.3    | 31.7 | ----- | 26.7     | 34.4 | ----- |
| Congestive Heart Failure.....              | 84                 | 16.7                | 16.4 | 4.6   | 26.2    | 25.3 | 5.6   | 35.7     | 31.6 | 6.2   |
| Pneumonia/Influenza.....                   | 88                 | 19.3                | 18.3 | 4.6   | 26.1    | 24.7 | 5.0   | 29.5     | 28.6 | 6.0   |
| Chronic Obstructive Pulmonary Disease..... | 29                 | 13.8                | 7.6  | ----- | 13.8    | 13.2 | ----- | 17.2     | 17.9 | ----- |
| Transient Cerebral Ischemia.....           | 16                 | 0.0                 | 2.8  | ----- | 0.0     | 6.2  | ----- | 0.0      | 9.4  | ----- |
| Stroke.....                                | 58                 | 15.5                | 22.3 | 7.7   | 25.9    | 28.0 | 6.5   | 27.6     | 31.7 | 6.6   |
| Hip Fracture.....                          | 35                 | 2.9                 | 7.1  | ----- | 11.4    | 12.2 | ----- | 17.1     | 15.4 | ----- |
| Sepsis.....                                | 5                  | 0.0                 | 14.7 | ----- | 0.0     | 20.1 | ----- | 0.0      | 23.8 | ----- |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 19                 | 5.3                 | 4.8  | ----- | 10.5    | 8.9  | ----- | 15.8     | 12.1 | ----- |
| Carotid Endarterectomy.....                | 6                  | 0.0                 | 2.7  | ----- | 0.0     | 4.7  | ----- | 0.0      | 6.8  | ----- |
| Hip Replacement/Reconstruction.....        | 25                 | 0.0                 | 4.6  | ----- | 12.0    | 8.1  | ----- | 12.0     | 10.6 | ----- |
| Open Reduction of Hip Fracture.....        | 13                 | 7.7                 | 4.6  | ----- | 7.7     | 8.6  | ----- | 15.4     | 11.4 | ----- |
| Prostatectomy.....                         | 78                 | 1.3                 | 1.0  | 1.2   | 2.6     | 2.2  | 1.7   | 3.8      | 3.8  | 2.2   |
| Cholecystectomy.....                       | 42                 | 2.4                 | 1.5  | ----- | 2.4     | 2.8  | ----- | 2.4      | 3.9  | ----- |
| Hysterectomy.....                          | 11                 | 0.0                 | 0.1  | ----- | 0.0     | 0.4  | ----- | 0.0      | 0.7  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# SIERRA VIEW DISTRICT HOSPITAL

Medicare Provider Number: 050261

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 74.4 years |
| Proportion female.....        | 52.3 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 44.4 % |
| Transferred from skilled nursing facility..... | 5.1 %  |
| Admitted for elective procedure.....           | 13.1 % |
| Admitted for emergency.....                    | 55.8 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 5.9 %  |
| Chronic cardiovascular disease..... | 49.1 % |
| Chronic liver disease.....          | 1.7 %  |
| Chronic renal disease.....          | 4.2 %  |
| Chronic pulmonary disease.....      | 34.7 % |
| Cerebrovascular degeneration.....   | 0.9 %  |
| Diabetes mellitus.....              | 11.7 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                    |        |
|--------------------|--------|
| County/City.....   | 94.6%  |
| State.....         | 3.9%   |
| Outside State..... | 1.5%   |
| Total.....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|               |          |
|---------------|----------|
| Hospital..... | 7.0 Days |
| State.....    | 7.1 Days |
| National..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                           |                    |
|---------------------------|--------------------|
| Total Beds.....           | 93                 |
| Occupancy Rate.....       | 74.0 %             |
| Ownership/Control.....    | District/Authority |
| Medicare Discharges.....  | 41.7 %             |
| Case Mix Index (CMI)..... | 1.1992             |

### STAFFING:

|                                                           |        |
|-----------------------------------------------------------|--------|
| Total Number of Physicians.....                           | 45     |
| Percent of Physicians Board<br>Certified Specialists..... | 68.9 % |
| Medical Residents/Interns.....                            | 0      |
| Registered Nurses.....                                    | 69     |
| Licensed Practical Nurses.....                            | 80     |

### SPECIALTY SERVICES:

|                                      |     |
|--------------------------------------|-----|
| Burn Unit.....                       | No  |
| Cardiac Intensive Care.....          | No  |
| Comprehensive Geriatric.....         | No  |
| Hospice Care.....                    | No  |
| Medical/Surgical Intensive Care..... | Yes |
| Organ/Tissue Transplant.....         | No  |
| Other Intensive Care.....            | No  |
| Trauma Center.....                   | Yes |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                          |    |
|--------------------------|----|
| Alcohol/Drug.....        | No |
| Rehabilitation.....      | No |
| Psychiatric.....         | No |
| Medicare Swing Beds..... | No |

\*\* Except for CMI

\* Not used in calculating mortality rates

# SIERRA-KINGS HOSPITAL

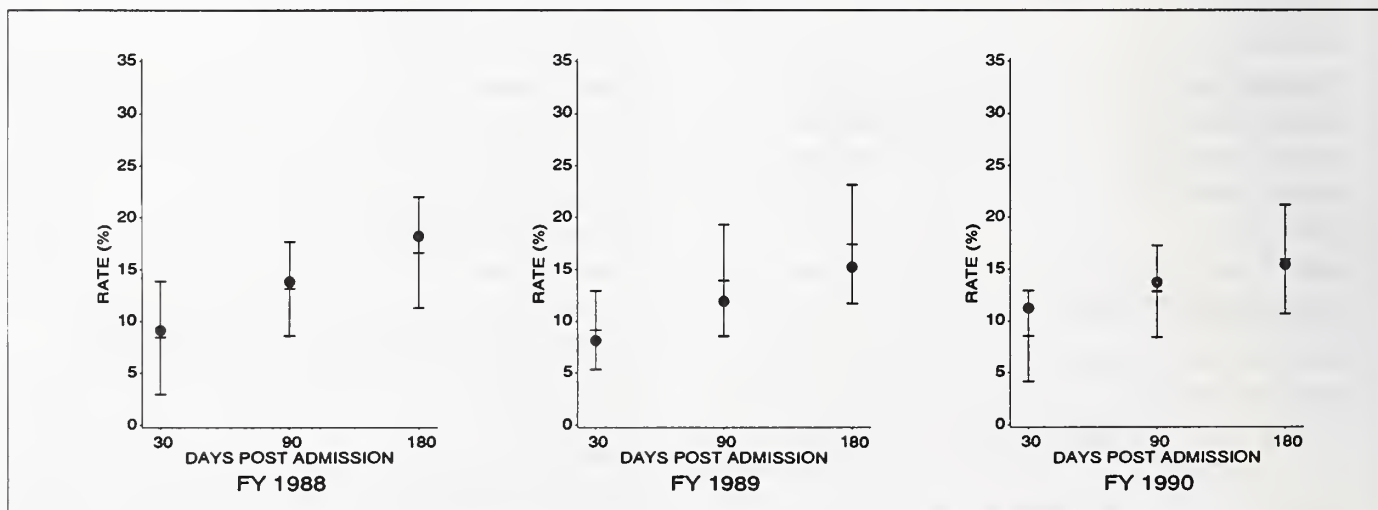
372 W CYPRESS AVE  
REEDLEY, CA 93654  
Medicare Provider Number: 050192

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 241             | 11.2                | 8.5  | 2.2  | 13.7    | 12.8 | 2.2  | 15.4     | 15.9 | 2.6  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 6               | 50.0                | 31.9 | ---- | 50.0    | 39.2 | ---- | 50.0     | 43.7 | ---- |
| Congestive Heart Failure.....              | 21              | 23.8                | 14.3 | ---- | 33.3    | 22.8 | ---- | 38.1     | 29.3 | ---- |
| Pneumonia/Influenza.....                   | 23              | 13.0                | 14.8 | ---- | 17.4    | 20.3 | ---- | 21.7     | 24.1 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 1               | 0.0                 | 4.9  | ---- | 0.0     | 11.1 | ---- | 0.0      | 18.0 | ---- |
| Transient Cerebral Ischemia.....           | 0               |                     |      |      |         |      |      |          |      |      |
| Stroke.....                                | 17              | 11.8                | 15.8 | ---- | 11.8    | 21.9 | ---- | 17.6     | 25.4 | ---- |
| Hip Fracture.....                          | 18              | 5.6                 | 6.6  | ---- | 5.6     | 12.3 | ---- | 5.6      | 16.3 | ---- |
| Sepsis.....                                | 2               | 50.0                | 32.2 | ---- | 50.0    | 36.2 | ---- | 50.0     | 41.2 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0               |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 7               | 0.0                 | 5.2  | ---- | 0.0     | 10.8 | ---- | 0.0      | 15.2 | ---- |
| Open Reduction of Hip Fracture.....        | 10              | 10.0                | 6.2  | ---- | 10.0    | 11.3 | ---- | 10.0     | 15.2 | ---- |
| Prostatectomy.....                         | 4               | 0.0                 | 0.5  | ---- | 0.0     | 1.2  | ---- | 0.0      | 2.2  | ---- |
| Cholecystectomy.....                       | 10              | 0.0                 | 1.2  | ---- | 0.0     | 2.1  | ---- | 0.0      | 2.9  | ---- |
| Hysterectomy.....                          | 6               | 0.0                 | 0.1  | ---- | 0.0     | 0.1  | ---- | 0.0      | 0.2  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# SIERRA-KINGS HOSPITAL

Medicare Provider Number: 050192

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 76.7 years  
Proportion female..... 61.4 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 35.3 %  
Transferred from skilled nursing facility..... 6.2 %  
Admitted for elective procedure..... 13.7 %  
Admitted for emergency..... 0.0 %

### COMORBIDITIES:

Cancer..... 2.1 %  
Chronic cardiovascular disease..... 29.9 %  
Chronic liver disease..... 0.8 %  
Chronic renal disease..... 0.8 %  
Chronic pulmonary disease..... 10.4 %  
Cerebrovascular degeneration..... 5.8 %  
Diabetes mellitus..... 7.1 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 81.8%  
State ..... 17.9%  
Outside State ..... 0.3%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 4.9 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 36  
Occupancy Rate ..... 36.0 %  
Ownership/Control..... District/Authority  
Medicare Discharges ..... 22.5 %  
Case Mix Index (CMI) ..... 1.1964

### STAFFING:

Total Number of Physicians..... 11  
Percent of Physicians Board  
Certified Specialists..... 81.8 %  
Medical Residents/interns ..... 0  
Registered Nurses..... 30  
Licensed Practical Nurses..... 8

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... No  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# SISKIYOU GENERAL HOSPITAL

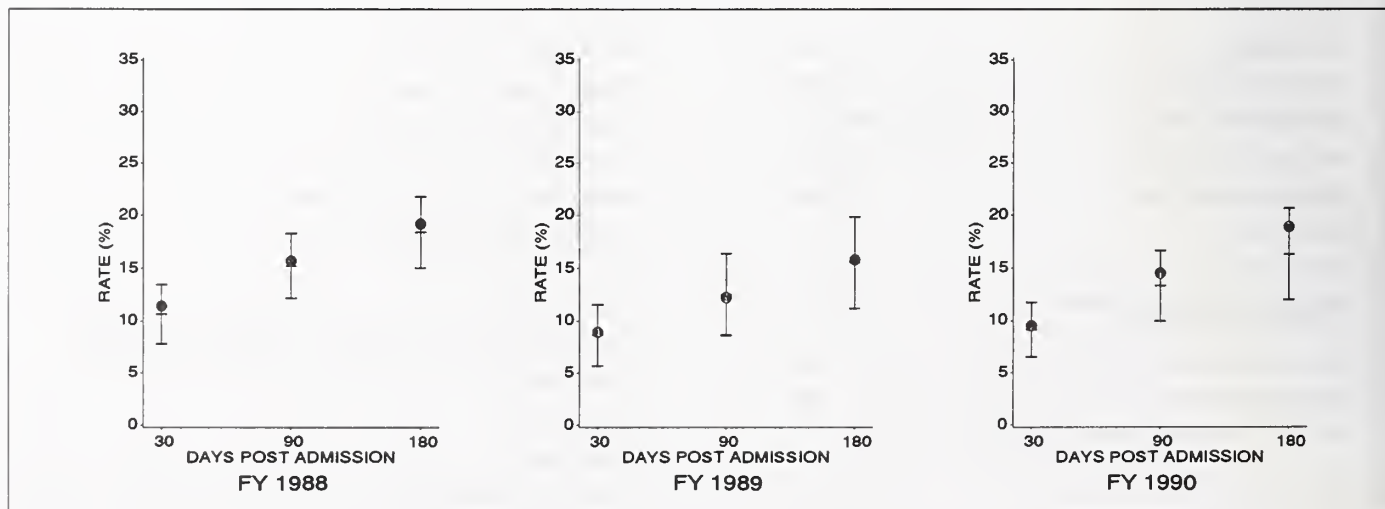
818 S MAIN ST  
YREKA, CA 96097  
Medicare Provider Number: 050217

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 497             | 9.5                 | 9.1  | 1.3   | 14.5    | 13.3 | 1.7   | 18.9     | 16.3 | 2.2   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 21              | 19.0                | 31.7 | ----- | 23.8    | 34.7 | ----- | 28.6     | 37.7 | ----- |
| Congestive Heart Failure.....              | 16              | 6.3                 | 15.1 | ----- | 12.5    | 23.0 | ----- | 18.8     | 28.3 | ----- |
| Pneumonia/Influenza.....                   | 30              | 10.0                | 10.7 | ----- | 13.3    | 14.8 | ----- | 16.7     | 17.6 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 9               | 11.1                | 9.4  | ----- | 22.2    | 15.4 | ----- | 22.2     | 19.8 | ----- |
| Transient Cerebral Ischemia.....           | 7               | 14.3                | 5.7  | ----- | 14.3    | 11.8 | ----- | 28.6     | 16.6 | ----- |
| Stroke.....                                | 17              | 47.1                | 23.3 | ----- | 58.8    | 29.5 | ----- | 64.7     | 33.5 | ----- |
| Hip Fracture.....                          | 14              | 7.1                 | 8.0  | ----- | 14.3    | 14.1 | ----- | 21.4     | 17.7 | ----- |
| Sepsis.....                                | 3               | 33.3                | 27.1 | ----- | 33.3    | 33.4 | ----- | 66.7     | 39.5 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 3               | 0.0                 | 2.6  | ----- | 0.0     | 5.4  | ----- | 33.3     | 7.7  | ----- |
| Carotid Endarterectomy.....                | 6               | 0.0                 | 1.3  | ----- | 0.0     | 2.4  | ----- | 0.0      | 3.5  | ----- |
| Hip Replacement/Reconstruction.....        | 14              | 0.0                 | 3.3  | ----- | 7.1     | 6.1  | ----- | 7.1      | 8.2  | ----- |
| Open Reduction of Hip Fracture.....        | 3               | 33.3                | 5.4  | ----- | 33.3    | 10.7 | ----- | 33.3     | 14.2 | ----- |
| Prostatectomy.....                         | 29              | 0.0                 | 0.7  | ----- | 0.0     | 1.7  | ----- | 10.3     | 2.9  | ----- |
| Cholecystectomy.....                       | 15              | 0.0                 | 4.1  | ----- | 6.7     | 7.1  | ----- | 6.7      | 8.6  | ----- |
| Hysterectomy.....                          | 4               | 0.0                 | 0.3  | ----- | 0.0     | 0.6  | ----- | 0.0      | 1.0  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm$ 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# SISKIYOU GENERAL HOSPITAL

Medicare Provider Number: 050217

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 74.2 years  
Proportion female..... 50.1 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 38.2 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 2.8 %  
Admitted for emergency..... 62.6 %

### COMORBIDITIES:

Cancer..... 6.6 %  
Chronic cardiovascular disease..... 25.2 %  
Chronic liver disease..... 2.0 %  
Chronic renal disease..... 1.4 %  
Chronic pulmonary disease..... 15.7 %  
Cerebrovascular degeneration..... 4.2 %  
Diabetes mellitus..... 6.6 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 93.1%  
State ..... 4.1%  
Outside State ..... 2.8%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 4.3 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1989

### PROFILE:

Total Beds ..... 57  
Ownership/Control..... Private, Non-Profit  
Case Mix Index (CMI) ..... 1.1694

### STAFFING:

Medical Residents/Interns ..... 0  
Registered Nurses ..... 33  
Licensed Practical Nurses ..... 19

### SPECIALTY SERVICES:

Burn Unit ..... No  
Coronary Care Unit ..... No  
Hospice Care ..... No  
Intensive Care Unit ..... Yes  
Organ Transplant ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# SONOMA STATE HOSPITAL

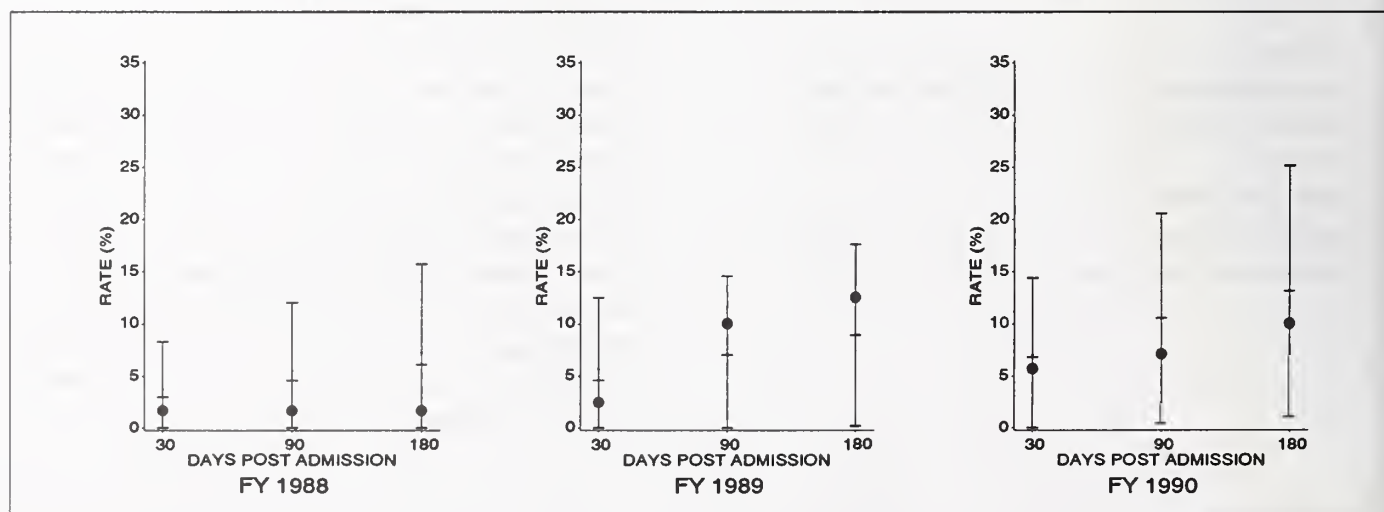
P O BOX 1400  
ELDRIDGE, CA 95431  
Medicare Provider Number: 050547

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 70              | 5.7                 | 6.8  | 3.8   | 7.1     | 10.5 | 5.0   | 10.0     | 13.1 | 6.0   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Congestive Heart Failure.....              | 1               | 0.0                 | 7.7  | ----- | 0.0     | 12.3 | ----- | 0.0      | 18.2 | ----- |
| Pneumonia/Influenza.....                   | 4               | 0.0                 | 4.0  | ----- | 0.0     | 5.7  | ----- | 0.0      | 6.9  | ----- |
| Chronic Obstructive Pulmonary Disease..... | 0               |                     |      |       |         |      |       |          |      |       |
| Transient Cerebral Ischemia.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Stroke.....                                | 1               | 0.0                 | 24.8 | ----- | 0.0     | 31.9 | ----- | 0.0      | 38.2 | ----- |
| Hip Fracture.....                          | 0               |                     |      |       |         |      |       |          |      |       |
| Sepsis.....                                | 0               |                     |      |       |         |      |       |          |      |       |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 0               |                     |      |       |         |      |       |          |      |       |
| Open Reduction of Hip Fracture.....        | 0               |                     |      |       |         |      |       |          |      |       |
| Prostatectomy.....                         | 0               |                     |      |       |         |      |       |          |      |       |
| Cholecystectomy.....                       | 0               |                     |      |       |         |      |       |          |      |       |
| Hysterectomy.....                          | 0               |                     |      |       |         |      |       |          |      |       |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# SONOMA STATE HOSPITAL

Medicare Provider Number: 050547

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 46.1 years  
Proportion female..... 35.7 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 0.0 %  
Transferred from skilled nursing facility..... 21.4 %  
Admitted for elective procedure..... 0.0 %  
Admitted for emergency..... 75.7 %

### COMORBIDITIES:

Cancer..... 2.9 %  
Chronic cardiovascular disease..... 12.9 %  
Chronic liver disease..... 0.0 %  
Chronic renal disease..... 2.9 %  
Chronic pulmonary disease..... 12.9 %  
Cerebrovascular degeneration..... 2.9 %  
Diabetes mellitus..... 0.0 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 96.1%  
State ..... 3.9%  
Outside State ..... 0.0%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 8.7 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 1423  
Ownership/Control..... State Government  
Case Mix Index (CMI) ..... 0.9994

### STAFFING:

Medical Residents/Interns ..... 250  
Registered Nurses..... 10  
Licensed Practical Nurses ..... 1

### SPECIALTY SERVICES:

Burn Unit ..... No  
Coronary Care Unit ..... No  
Hospice Care ..... No  
Intensive Care Unit ..... Yes  
Organ Transplant ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... Yes  
Psychiatric ..... Yes  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# SONOMA VALLEY HOSPITAL

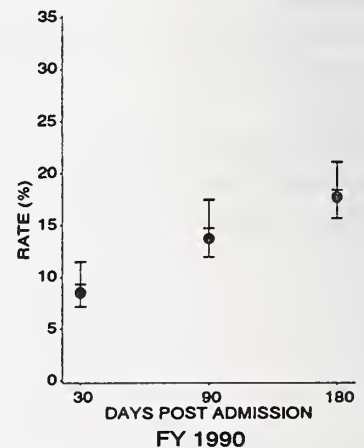
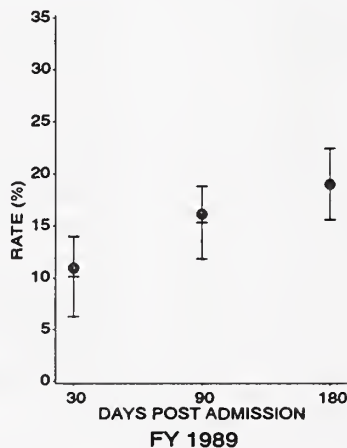
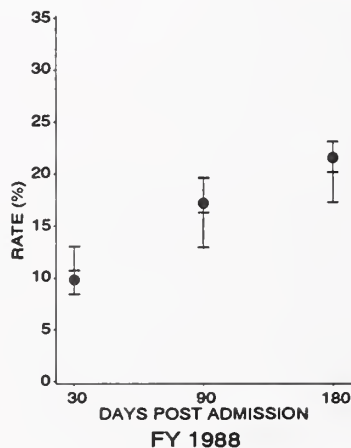
347 ANDRIEUX ST  
SONOMA, CA 95476  
Medicare Provider Number: 050090

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 886             | 8.5                 | 9.3  | 1.1   | 13.7    | 14.7 | 1.4   | 17.7     | 18.4 | 1.4   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 15              | 13.3                | 18.6 | ----- | 13.3    | 20.9 | ----- | 20.0     | 23.2 | ----- |
| Congestive Heart Failure.....              | 50              | 18.0                | 16.4 | ----- | 24.0    | 26.0 | ----- | 34.0     | 32.5 | ----- |
| Pneumonia/Influenza.....                   | 49              | 6.1                 | 14.6 | ----- | 12.2    | 20.3 | ----- | 18.4     | 24.1 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 14              | 7.1                 | 6.7  | ----- | 7.1     | 13.4 | ----- | 7.1      | 18.6 | ----- |
| Transient Cerebral Ischemia.....           | 12              | 0.0                 | 2.5  | ----- | 0.0     | 5.6  | ----- | 8.3      | 9.2  | ----- |
| Stroke.....                                | 47              | 27.7                | 18.5 | ----- | 36.2    | 24.8 | ----- | 42.6     | 28.5 | ----- |
| Hip Fracture.....                          | 31              | 16.1                | 7.9  | ----- | 19.4    | 13.5 | ----- | 22.6     | 17.5 | ----- |
| Sepsis.....                                | 7               | 28.6                | 34.9 | ----- | 28.6    | 50.5 | ----- | 28.6     | 57.8 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 7               | 0.0                 | 2.1  | ----- | 0.0     | 4.2  | ----- | 0.0      | 6.5  | ----- |
| Carotid Endarterectomy.....                | 5               | 0.0                 | 1.6  | ----- | 0.0     | 2.9  | ----- | 0.0      | 4.1  | ----- |
| Hip Replacement/Reconstruction.....        | 27              | 3.7                 | 3.1  | ----- | 7.4     | 5.6  | ----- | 11.1     | 7.5  | ----- |
| Open Reduction of Hip Fracture.....        | 13              | 15.4                | 7.8  | ----- | 23.1    | 14.1 | ----- | 23.1     | 18.9 | ----- |
| Prostatectomy.....                         | 30              | 0.0                 | 0.6  | ----- | 0.0     | 1.3  | ----- | 3.3      | 2.2  | ----- |
| Cholecystectomy.....                       | 19              | 0.0                 | 1.7  | ----- | 0.0     | 3.0  | ----- | 0.0      | 4.0  | ----- |
| Hysterectomy.....                          | 4               | 0.0                 | 1.5  | ----- | 0.0     | 3.4  | ----- | 0.0      | 5.5  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# SONOMA VALLEY HOSPITAL

Medicare Provider Number: 050090

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 77.2 years |
| Proportion female.....        | 57.8 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 43.5 % |
| Transferred from skilled nursing facility..... | 3.3 %  |
| Admitted for elective procedure.....           | 5.1 %  |
| Admitted for emergency.....                    | 2.9 %  |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 8.7 %  |
| Chronic cardiovascular disease..... | 34.0 % |
| Chronic liver disease.....          | 0.6 %  |
| Chronic renal disease.....          | 3.0 %  |
| Chronic pulmonary disease.....      | 20.5 % |
| Cerebrovascular degeneration.....   | 4.3 %  |
| Diabetes mellitus.....              | 4.9 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 91.3%  |
| State .....         | 7.0%   |
| Outside State ..... | 1.7%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 5.0 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                    |
|----------------------------|--------------------|
| Total Beds .....           | 92                 |
| Occupancy Rate .....       | 44.0 %             |
| Ownership/Control.....     | District/Authority |
| Medicare Discharges .....  | (Not Available)    |
| Case Mix Index (CMI) ..... | 1.2273             |

### STAFFING:

|                                                            |                 |
|------------------------------------------------------------|-----------------|
| Total Number of Physicians.....                            | (Not Available) |
| Percent of Physicians Board<br>Certified Specialists ..... | (Not Available) |
| Medical Residents/Interns .....                            | (Not Available) |
| Registered Nurses.....                                     | (Not Available) |
| Licensed Practical Nurses .....                            | (Not Available) |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | No  |
| Psychiatric .....         | No  |
| Medicare Swing Beds ..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# SONORA COMMUNITY HOSPITAL

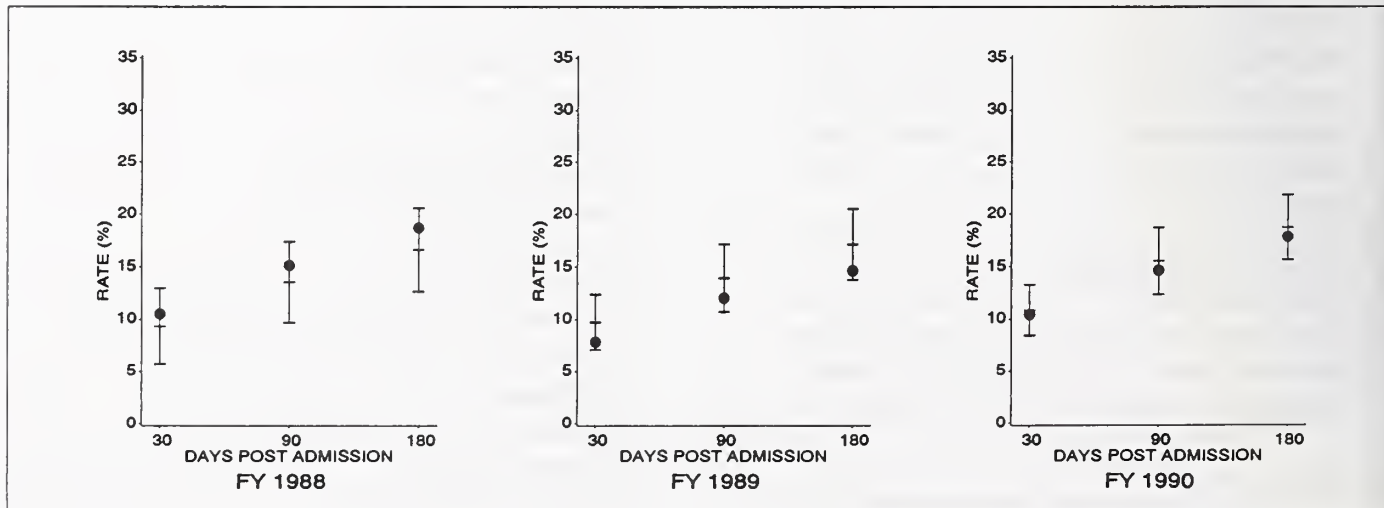
1 SOUTH FOREST ROAD  
SONORA, CA 95370  
Medicare Provider Number: 050335

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 809                | 10.4                | 10.8 | 1.2   | 14.6    | 15.5 | 1.6   | 17.8     | 18.7 | 1.6   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 33                 | 15.2                | 25.0 | ----- | 21.2    | 28.3 | ----- | 21.2     | 30.8 | ----- |
| Congestive Heart Failure.....              | 33                 | 9.1                 | 14.1 | ----- | 12.1    | 22.1 | ----- | 12.1     | 28.0 | ----- |
| Pneumonia/Influenza.....                   | 63                 | 19.0                | 16.4 | 5.2   | 23.8    | 22.1 | 5.5   | 27.0     | 25.7 | 5.7   |
| Chronic Obstructive Pulmonary Disease..... | 7                  | 14.3                | 3.3  | ----- | 14.3    | 6.0  | ----- | 14.3     | 8.8  | ----- |
| Transient Cerebral Ischemia.....           | 3                  | 0.0                 | 1.4  | ----- | 0.0     | 3.5  | ----- | 33.3     | 6.0  | ----- |
| Stroke.....                                | 29                 | 6.9                 | 17.3 | ----- | 13.8    | 24.3 | ----- | 20.7     | 28.0 | ----- |
| Hip Fracture.....                          | 20                 | 10.0                | 6.1  | ----- | 10.0    | 10.3 | ----- | 10.0     | 13.4 | ----- |
| Sepsis.....                                | 20                 | 20.0                | 25.8 | ----- | 25.0    | 32.9 | ----- | 35.0     | 37.1 | ----- |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 7                  | 0.0                 | 1.6  | ----- | 0.0     | 3.5  | ----- | 0.0      | 5.5  | ----- |
| Carotid Endarterectomy.....                | 1                  | 0.0                 | 0.7  | ----- | 0.0     | 1.2  | ----- | 0.0      | 1.8  | ----- |
| Hip Replacement/Reconstruction.....        | 15                 | 20.0                | 5.1  | ----- | 26.7    | 8.9  | ----- | 26.7     | 11.8 | ----- |
| Open Reduction of Hip Fracture.....        | 5                  | 0.0                 | 3.5  | ----- | 0.0     | 6.3  | ----- | 0.0      | 8.6  | ----- |
| Prostatectomy.....                         | 36                 | 0.0                 | 0.8  | ----- | 0.0     | 1.8  | ----- | 0.0      | 3.1  | ----- |
| Cholecystectomy.....                       | 18                 | 0.0                 | 2.0  | ----- | 5.6     | 4.0  | ----- | 5.6      | 5.8  | ----- |
| Hysterectomy.....                          | 14                 | 0.0                 | 0.3  | ----- | 0.0     | 0.7  | ----- | 0.0      | 1.2  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# SONORA COMMUNITY HOSPITAL

Medicare Provider Number: 050335

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 75.0 years |
| Proportion female.....        | 54.9 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 40.2 % |
| Transferred from skilled nursing facility..... | 0.0 %  |
| Admitted for elective procedure.....           | 30.4 % |
| Admitted for emergency.....                    | 59.5 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 9.1 %  |
| Chronic cardiovascular disease..... | 45.5 % |
| Chronic liver disease.....          | 0.5 %  |
| Chronic renal disease.....          | 1.5 %  |
| Chronic pulmonary disease.....      | 20.8 % |
| Cerebrovascular degeneration.....   | 1.7 %  |
| Diabetes mellitus.....              | 6.3 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 75.9%  |
| State .....         | 23.6%  |
| Outside State ..... | 0.5%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 5.4 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |        |
|----------------------------|--------|
| Total Beds .....           | 140    |
| Occupancy Rate .....       | 60.0 % |
| Ownership/Control.....     | Church |
| Medicare Discharges .....  | 41.8 % |
| Case Mix Index (CMI) ..... | 1.2849 |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 77     |
| Percent of Physicians Board<br>Certified Specialists ..... | 70.1 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 71     |
| Licensed Practical Nurses .....                            | 18     |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | No  |
| Psychiatric .....         | No  |
| Medicare Swing Beds ..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# SOUTH VALLEY HOSPITAL

9400 NO NAME UNO  
GILROY, CA 95020  
Medicare Provider Number: 050685

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 645                | 9.5                 | 9.1  | 1.2  | 12.4    | 13.7 | 1.5  | 14.9     | 17.1 | 1.8  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 20                 | 10.0                | 26.2 | ---- | 10.0    | 29.7 | ---- | 10.0     | 32.4 | ---- |
| Congestive Heart Failure.....              | 33                 | 12.1                | 13.8 | ---- | 15.2    | 22.0 | ---- | 21.2     | 28.4 | ---- |
| Pneumonia/Influenza.....                   | 58                 | 12.1                | 13.7 | 6.5  | 17.2    | 18.9 | 9.6  | 19.0     | 22.7 | 8.9  |
| Chronic Obstructive Pulmonary Disease..... | 14                 | 7.1                 | 7.8  | ---- | 7.1     | 13.4 | ---- | 7.1      | 18.0 | ---- |
| Transient Cerebral Ischemia.....           | 4                  | 0.0                 | 1.1  | ---- | 0.0     | 2.5  | ---- | 0.0      | 4.2  | ---- |
| Stroke.....                                | 27                 | 25.9                | 21.0 | ---- | 33.3    | 27.3 | ---- | 33.3     | 31.1 | ---- |
| Hip Fracture.....                          | 13                 | 7.7                 | 6.9  | ---- | 15.4    | 12.4 | ---- | 23.1     | 16.2 | ---- |
| Sepsis.....                                | 7                  | 28.6                | 25.6 | ---- | 28.6    | 36.0 | ---- | 28.6     | 41.5 | ---- |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 5                  | 0.0                 | 1.8  | ---- | 0.0     | 3.8  | ---- | 0.0      | 6.0  | ---- |
| Carotid Endarterectomy.....                | 0                  |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 4                  | 0.0                 | 2.0  | ---- | 25.0    | 3.4  | ---- | 25.0     | 4.6  | ---- |
| Open Reduction of Hip Fracture.....        | 10                 | 0.0                 | 6.5  | ---- | 0.0     | 12.3 | ---- | 10.0     | 16.4 | ---- |
| Prostatectomy.....                         | 35                 | 0.0                 | 0.5  | ---- | 0.0     | 1.2  | ---- | 2.9      | 2.1  | ---- |
| Cholecystectomy.....                       | 5                  | 0.0                 | 4.6  | ---- | 20.0    | 10.1 | ---- | 20.0     | 14.7 | ---- |
| Hysterectomy.....                          | 4                  | 0.0                 | 0.3  | ---- | 0.0     | 0.6  | ---- | 0.0      | 1.1  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES

No Graphs are presented when the standard deviation  
was not computed for one or more of the three fiscal years,  
(1988, 1989, or 1990)

# **SOUTH VALLEY HOSPITAL**

Medicare Provider Number: 050685

## **FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES**

### **DEMOGRAPHICS:**

Average age at admission..... 75.6 years  
Proportion female..... 56.1 %

### **ADMISSION SOURCES/TYPES:**

Referred by personal or HMO physician..... 37.1 %  
Transferred from skilled nursing facility..... 2.5 %  
Admitted for elective procedure..... 11.6 %  
Admitted for emergency..... 13.6 %

### **COMORBIDITIES:**

Cancer..... 5.6 %  
Chronic cardiovascular disease..... 32.9 %  
Chronic liver disease..... 0.5 %  
Chronic renal disease..... 3.3 %  
Chronic pulmonary disease..... 13.8 %  
Cerebrovascular degeneration..... 3.6 %  
Diabetes mellitus..... 8.2 %

## **ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\***

### **ORIGIN OF MEDICARE PATIENT ADMISSION:**

County/City..... 82.8%  
State..... 14.9%  
Outside State..... 2.3%  
Total..... 100.0%

### **MEDICARE AVERAGE LENGTH OF STAY:**

Hospital..... 5.5 Days  
State..... 7.1 Days  
National..... 8.6 Days

## **HOSPITAL CHARACTERISTICS\***

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### **PROFILE:**

Total Beds..... 77  
Occupancy Rate..... 39.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges..... 34.1 %  
Case Mix Index (CMI)..... 1.1262

### **STAFFING:**

Total Number of Physicians..... (Not Available)  
Percent of Physicians Board  
Certified Specialists..... (Not Available)  
Medical Residents/Interns..... (Not Available)  
Registered Nurses..... (Not Available)  
Licensed Practical Nurses..... (Not Available)

### **SPECIALTY SERVICES:**

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Trauma Center..... No

### **OTHER SPECIALTY/HOSPITAL-BASED SERVICES:**

Alcohol/Drug..... No  
Rehabilitation..... No  
Psychiatric..... No  
Medicare Swing Beds..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# SOUTHERN HUMBOLDT COMM HOSPITAL DISTRICT

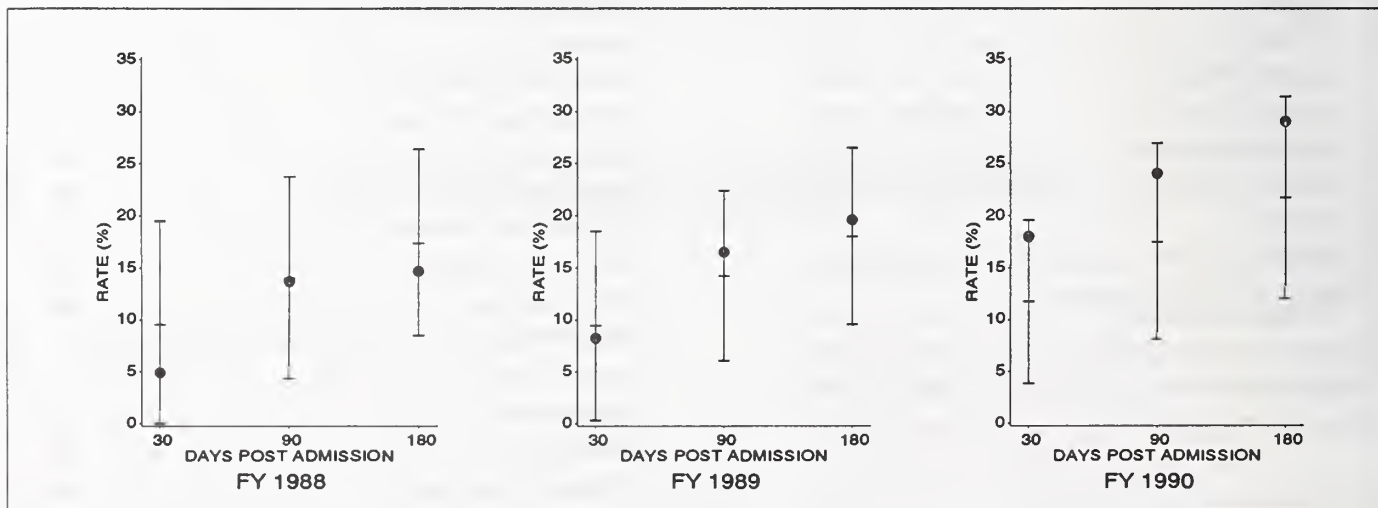
733 CEDAR ST  
GARBERVILLE, CA 95440  
Medicare Provider Number: 050482

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 100                | 18.0                | 11.7 | 3.9  | 24.0    | 17.5 | 4.7  | 29.0     | 21.7 | 4.9  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 1                  | 0.0                 | 26.7 | ---- | 0.0     | 28.4 | ---- | 0.0      | 30.5 | ---- |
| Congestive Heart Failure.....              | 11                 | 45.5                | 15.6 | ---- | 45.5    | 24.6 | ---- | 54.5     | 31.3 | ---- |
| Pneumonia/Influenza.....                   | 13                 | 30.8                | 16.4 | ---- | 30.8    | 22.4 | ---- | 30.8     | 26.0 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 12                 | 8.3                 | 8.0  | ---- | 25.0    | 14.4 | ---- | 33.3     | 19.3 | ---- |
| Transient Cerebral Ischemia.....           | 1                  | 0.0                 | 3.2  | ---- | 0.0     | 7.4  | ---- | 0.0      | 13.0 | ---- |
| Stroke.....                                | 5                  | 20.0                | 16.2 | ---- | 40.0    | 23.6 | ---- | 40.0     | 28.1 | ---- |
| Hip Fracture.....                          | 0                  |                     |      |      |         |      |      |          |      |      |
| Sepsis.....                                | 0                  |                     |      |      |         |      |      |          |      |      |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0                  |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 0                  |                     |      |      |         |      |      |          |      |      |
| Open Reduction of Hip Fracture.....        | 0                  |                     |      |      |         |      |      |          |      |      |
| Prostatectomy.....                         | 0                  |                     |      |      |         |      |      |          |      |      |
| Cholecystectomy.....                       | 0                  |                     |      |      |         |      |      |          |      |      |
| Hysterectomy.....                          | 0                  |                     |      |      |         |      |      |          |      |      |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# SOUTHERN HUMBOLDT COMM HOSPITAL DISTRICT

Medicare Provider Number: 050482

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 75.7 years |
| Proportion female.....        | 48.0 %     |

### ADMISSION SOURCES/TYPES:

|                                                |       |
|------------------------------------------------|-------|
| Referred by personal or HMO physician.....     | 3.0 % |
| Transferred from skilled nursing facility..... | 1.0 % |
| Admitted for elective procedure.....           | 0.0 % |
| Admitted for emergency.....                    | 5.0 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 6.0 %  |
| Chronic cardiovascular disease..... | 43.0 % |
| Chronic liver disease.....          | 1.0 %  |
| Chronic renal disease.....          | 5.0 %  |
| Chronic pulmonary disease.....      | 15.0 % |
| Cerebrovascular degeneration.....   | 10.0 % |
| Diabetes mellitus.....              | 8.0 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 84.7%  |
| State .....         | 11.1%  |
| Outside State ..... | 4.2%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 3.9 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                    |
|----------------------------|--------------------|
| Total Beds .....           | 18                 |
| Occupancy Rate .....       | 27.0 %             |
| Ownership/Control.....     | District/Authority |
| Medicare Discharges .....  | 40.2 %             |
| Case Mix Index (CMI) ..... | 0.9971             |

### STAFFING:

|                                                            |         |
|------------------------------------------------------------|---------|
| Total Number of Physicians.....                            | 6       |
| Percent of Physicians Board<br>Certified Specialists ..... | 100.0 % |
| Medical Residents/Interns .....                            | 0       |
| Registered Nurses.....                                     | 12      |
| Licensed Practical Nurses .....                            | 3       |

### SPECIALTY SERVICES:

|                                       |    |
|---------------------------------------|----|
| Burn Unit .....                       | No |
| Cardiac Intensive Care .....          | No |
| Comprehensive Geriatric .....         | No |
| Hospice Care .....                    | No |
| Medical/Surgical Intensive Care ..... | No |
| Organ/Tissue Transplant .....         | No |
| Other Intensive Care .....            | No |
| Trauma Center .....                   | No |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug.....         | No  |
| Rehabilitation.....       | No  |
| Psychiatric .....         | No  |
| Medicare Swing Beds ..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# SOUTHERN INYO HOSPITAL

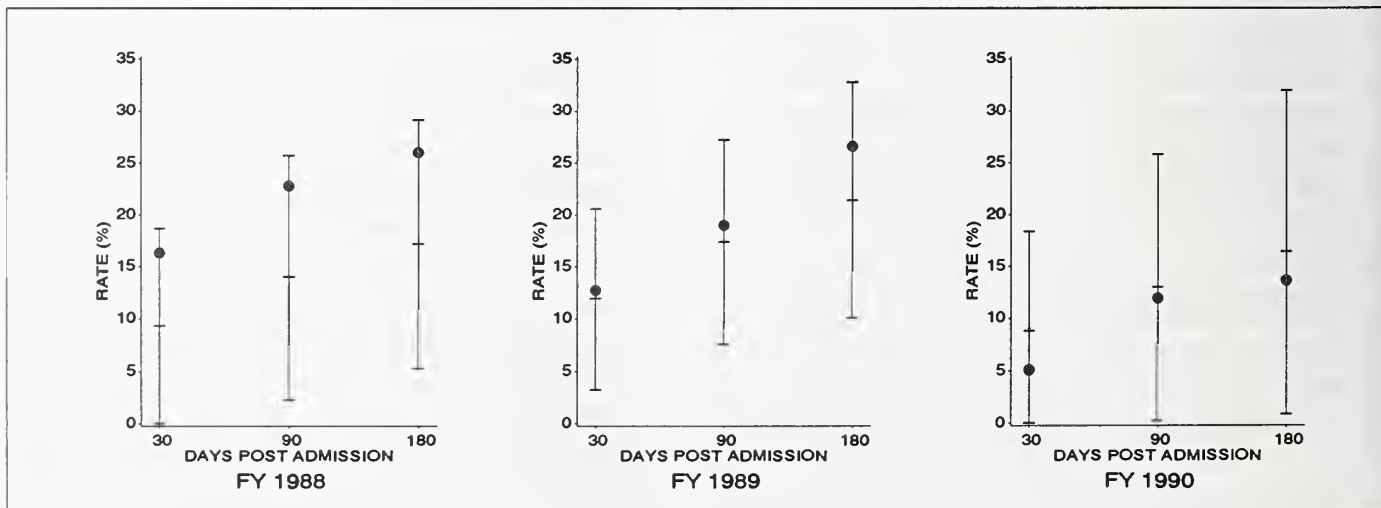
501 E LOCUST ST  
LONE PINE, CA 93545  
Medicare Provider Number: 050388

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 59              | 5.1                 | 8.8  | 4.8  | 11.9    | 13.0 | 6.4  | 13.6     | 16.4 | 7.8  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 1               | 0.0                 | 33.9 | ---- | 0.0     | 36.0 | ---- | 0.0      | 38.5 | ---- |
| Congestive Heart Failure.....              | 3               | 0.0                 | 16.4 | ---- | 0.0     | 22.6 | ---- | 0.0      | 28.5 | ---- |
| Pneumonia/Influenza.....                   | 9               | 0.0                 | 13.8 | ---- | 0.0     | 18.0 | ---- | 11.1     | 21.5 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 0               |                     |      |      |         |      |      |          |      |      |
| Transient Cerebral Ischemia.....           | 1               | 0.0                 | 2.6  | ---- | 0.0     | 6.3  | ---- | 0.0      | 10.3 | ---- |
| Stroke.....                                | 2               | 0.0                 | 15.8 | ---- | 0.0     | 18.1 | ---- | 0.0      | 21.0 | ---- |
| Hip Fracture.....                          | 1               | 0.0                 | 7.2  | ---- | 0.0     | 14.0 | ---- | 0.0      | 19.5 | ---- |
| Sepsis.....                                | 0               |                     |      |      |         |      |      |          |      |      |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0               |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 0               |                     |      |      |         |      |      |          |      |      |
| Open Reduction of Hip Fracture.....        | 0               |                     |      |      |         |      |      |          |      |      |
| Prostatectomy.....                         | 0               |                     |      |      |         |      |      |          |      |      |
| Cholecystectomy.....                       | 0               |                     |      |      |         |      |      |          |      |      |
| Hysterectomy.....                          | 0               |                     |      |      |         |      |      |          |      |      |

\* The Standard Deviation (SD) Is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# SOUTHERN INYO HOSPITAL

Medicare Provider Number: 050388

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 78.6 years

Proportion female..... 59.3 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 40.7 %

Transferred from skilled nursing facility..... 0.0 %

Admitted for elective procedure..... 0.0 %

Admitted for emergency..... 62.7 %

### COMORBIDITIES:

Cancer..... 0.0 %

Chronic cardiovascular disease..... 42.4 %

Chronic liver disease..... 1.7 %

Chronic renal disease..... 0.0 %

Chronic pulmonary disease..... 5.1 %

Cerebrovascular degeneration..... 1.7 %

Diabetes mellitus..... 6.8 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 85.4%

State ..... 12.5%

Outside State ..... 2.1%

Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 3.3 Days

State ..... 7.1 Days

National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1989

### PROFILE:

Total Beds ..... 37

Ownership/Control..... District/Authority

Case Mix Index (CMI) ..... 0.8693

### STAFFING:

Medical Residents/Interns ..... 0

Registered Nurses..... 6

Licensed Practical Nurses ..... 2

### SPECIALTY SERVICES:

Burn Unit ..... No

Coronary Care Unit ..... No

Hospice Care ..... No

Intensive Care Unit ..... No

Organ Transplant ..... No

Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No

Rehabilitation..... No

Psychiatric ..... No

Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# ST CATHERINE HOSPITAL

MARINE BLVD AND ETHELDORE ST

MOSS BEACH, CA 94038

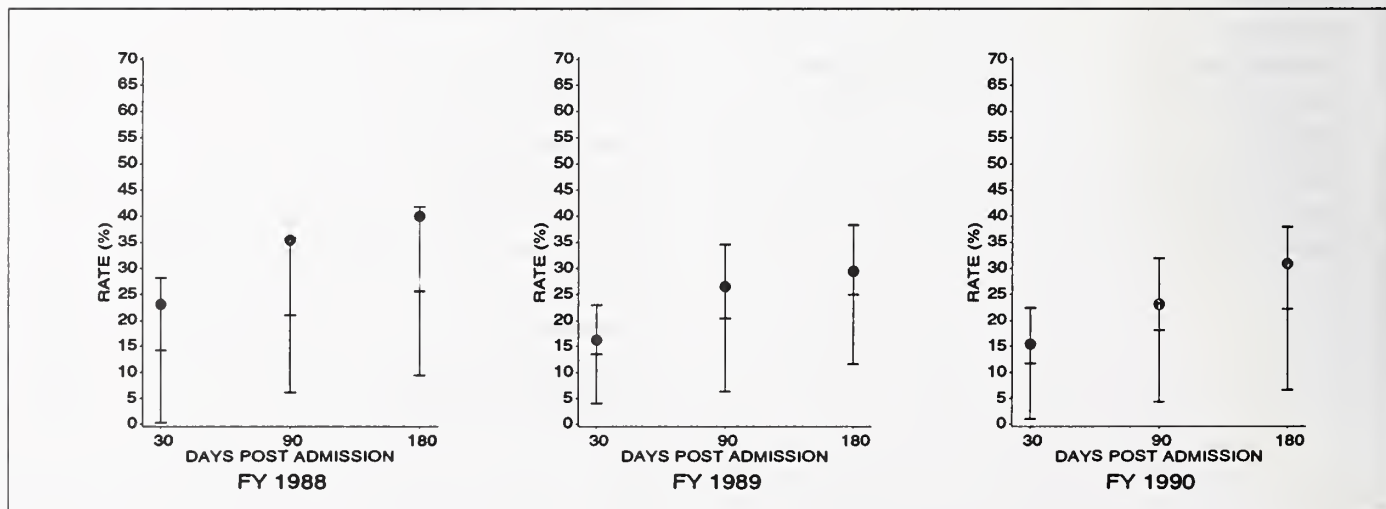
Medicare Provider Number: 050613

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 52              | 15.4                | 11.7 | 5.4   | 23.1    | 18.1 | 6.9   | 30.8     | 22.2 | 7.8   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Congestive Heart Failure.....              | 5               | 20.0                | 11.9 | ----- | 40.0    | 19.1 | ----- | 40.0     | 25.2 | ----- |
| Pneumonia/Influenza.....                   | 2               | 0.0                 | 17.2 | ----- | 0.0     | 24.5 | ----- | 100.0    | 29.0 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 3               | 33.3                | 12.2 | ----- | 33.3    | 20.0 | ----- | 33.3     | 24.8 | ----- |
| Transient Cerebral Ischemia.....           | 2               | 0.0                 | 1.1  | ----- | 0.0     | 2.4  | ----- | 0.0      | 3.9  | ----- |
| Stroke.....                                | 6               | 16.7                | 17.1 | ----- | 33.3    | 25.1 | ----- | 33.3     | 29.9 | ----- |
| Hip Fracture.....                          | 0               |                     |      |       |         |      |       |          |      |       |
| Sepsis.....                                | 1               | 0.0                 | 11.8 | ----- | 0.0     | 17.5 | ----- | 0.0      | 20.9 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 0               |                     |      |       |         |      |       |          |      |       |
| Open Reduction of Hip Fracture.....        | 0               |                     |      |       |         |      |       |          |      |       |
| Prostatectomy.....                         | 0               |                     |      |       |         |      |       |          |      |       |
| Cholecystectomy.....                       | 0               |                     |      |       |         |      |       |          |      |       |
| Hysterectomy.....                          | 0               |                     |      |       |         |      |       |          |      |       |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# ST CATHERINE HOSPITAL

Medicare Provider Number: 050613

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 79.3 years |
| Proportion female.....        | 69.8 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 92.5 % |
| Transferred from skilled nursing facility..... | 3.8 %  |
| Admitted for elective procedure.....           | 13.2 % |
| Admitted for emergency.....                    | 41.5 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 3.8 %  |
| Chronic cardiovascular disease..... | 32.1 % |
| Chronic liver disease.....          | 0.0 %  |
| Chronic renal disease.....          | 1.9 %  |
| Chronic pulmonary disease.....      | 24.5 % |
| Cerebrovascular degeneration.....   | 1.9 %  |
| Diabetes mellitus.....              | 7.5 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 80.0%  |
| State .....         | 16.5%  |
| Outside State ..... | 3.5%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 5.6 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |        |
|----------------------------|--------|
| Total Beds .....           | 123    |
| Occupancy Rate .....       | 87.0 % |
| Ownership/Control.....     | Church |
| Medicare Discharges .....  | 45.8 % |
| Case Mix Index (CMI) ..... | 1.0621 |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 15     |
| Percent of Physicians Board<br>Certified Specialists ..... | 60.0 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses .....                                    | 8      |
| Licensed Practical Nurses .....                            | 5      |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | No  |
| Organ/Tissue Transplant .....         | Yes |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | No  |
| Psychiatric .....         | No  |
| Medicare Swing Beds ..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# ST DOMINICS HOSPITAL

1777 WEST YOSEMITE AVE  
MANTECA, CA 95336  
Medicare Provider Number: 050695

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 4                  | 0.0                 | 7.6  | ----- | 0.0     | 10.6 | ----- | 25.0     | 14.6 | ----- |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 0                  |                     |      |       |         |      |       |          |      |       |
| Congestive Heart Failure.....              | 1                  | 0.0                 | 6.4  | ----- | 0.0     | 10.3 | ----- | 0.0      | 15.4 | ----- |
| Pneumonia/Influenza.....                   | 0                  |                     |      |       |         |      |       |          |      |       |
| Chronic Obstructive Pulmonary Disease..... | 0                  |                     |      |       |         |      |       |          |      |       |
| Transient Cerebral Ischemia.....           | 1                  | 0.0                 | 2.1  | ----- | 0.0     | 5.6  | ----- | 0.0      | 10.3 | ----- |
| Stroke.....                                | 0                  |                     |      |       |         |      |       |          |      |       |
| Hip Fracture.....                          | 1                  | 0.0                 | 2.2  | ----- | 0.0     | 4.1  | ----- | 0.0      | 6.2  | ----- |
| Sepsis.....                                | 0                  |                     |      |       |         |      |       |          |      |       |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0                  |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 1                  | 0.0                 | 2.0  | ----- | 0.0     | 4.0  | ----- | 0.0      | 6.0  | ----- |
| Open Reduction of Hip Fracture.....        | 0                  |                     |      |       |         |      |       |          |      |       |
| Prostatectomy.....                         | 0                  |                     |      |       |         |      |       |          |      |       |
| Cholecystectomy.....                       | 0                  |                     |      |       |         |      |       |          |      |       |
| Hysterectomy.....                          | 0                  |                     |      |       |         |      |       |          |      |       |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES

No Graphs are presented when the standard deviation  
was not computed for one or more of the three fiscal years,  
(1988, 1989, or 1990)

# ST DOMINICS HOSPITAL

Medicare Provider Number: 050695

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 75.8 years |
| Proportion female.....        | 100.0 %    |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 25.0 % |
| Transferred from skilled nursing facility..... | 0.0 %  |
| Admitted for elective procedure.....           | 0.0 %  |
| Admitted for emergency.....                    | 0.0 %  |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 0.0 %  |
| Chronic cardiovascular disease..... | 25.0 % |
| Chronic liver disease.....          | 0.0 %  |
| Chronic renal disease.....          | 0.0 %  |
| Chronic pulmonary disease.....      | 25.0 % |
| Cerebrovascular degeneration.....   | 25.0 % |
| Diabetes mellitus.....              | 0.0 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 83.3%  |
| State .....         | 16.7%  |
| Outside State ..... | 0.0%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 3.2 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1990

### PROFILE:

|                            |        |
|----------------------------|--------|
| Total Beds .....           | 50     |
| Ownership/Control.....     | Church |
| Case Mix Index (CMI) ..... | 1.1209 |

### STAFFING:

|                                 |    |
|---------------------------------|----|
| Medical Residents/Interns ..... | 0  |
| Registered Nurses.....          | 44 |
| Licensed Practical Nurses ..... | 2  |

### SPECIALTY SERVICES:

|                           |     |
|---------------------------|-----|
| Burn Unit .....           | No  |
| Coronary Care Unit .....  | Yes |
| Hospice Care .....        | No  |
| Intensive Care Unit ..... | Yes |
| Organ Transplant .....    | No  |
| Trauma Center .....       | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |    |
|---------------------------|----|
| Alcohol/Drug .....        | No |
| Rehabilitation.....       | No |
| Psychiatric .....         | No |
| Medicare Swing Beds ..... | No |

\*\* Except for CMI

\* Not used in calculating mortality rates

# ST ELIZABETH COMMUNITY HOSPITAL

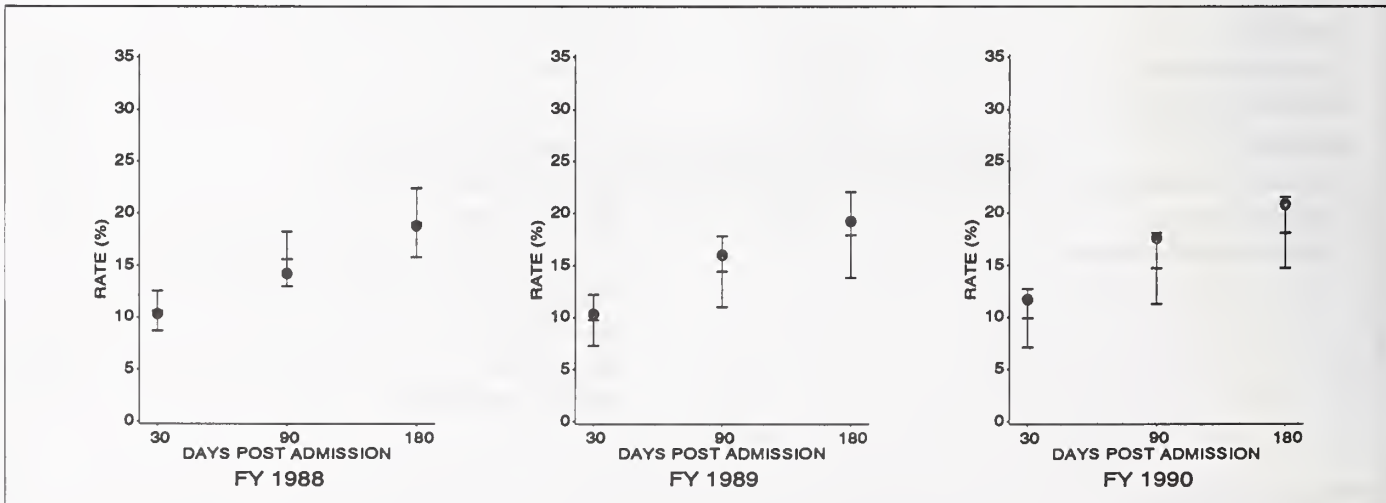
2550 SOUTH MAIN STREET  
RED BLUFF, CA 96080  
Medicare Provider Number: 050042

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 871             | 11.7                | 9.9  | 1.4  | 17.6    | 14.7 | 1.7  | 20.8     | 18.1 | 1.7  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 29              | 27.6                | 26.2 | ---- | 31.0    | 29.2 | ---- | 34.5     | 31.8 | ---- |
| Congestive Heart Failure.....              | 48              | 16.7                | 16.8 | ---- | 31.2    | 26.9 | ---- | 33.3     | 33.7 | ---- |
| Pneumonia/Influenza.....                   | 48              | 27.1                | 16.9 | ---- | 35.4    | 24.2 | ---- | 41.7     | 28.5 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 14              | 14.3                | 8.8  | ---- | 28.6    | 14.8 | ---- | 28.6     | 18.8 | ---- |
| Transient Cerebral Ischemia.....           | 13              | 0.0                 | 3.2  | ---- | 0.0     | 7.0  | ---- | 0.0      | 10.8 | ---- |
| Stroke.....                                | 33              | 21.2                | 23.1 | ---- | 30.3    | 29.1 | ---- | 33.3     | 32.7 | ---- |
| Hip Fracture.....                          | 24              | 4.2                 | 6.5  | ---- | 8.3     | 11.8 | ---- | 12.5     | 15.6 | ---- |
| Sepsis.....                                | 13              | 30.8                | 24.1 | ---- | 46.2    | 33.8 | ---- | 61.5     | 39.0 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 4               | 0.0                 | 2.2  | ---- | 0.0     | 4.1  | ---- | 25.0     | 5.8  | ---- |
| Carotid Endarterectomy.....                | 2               | 0.0                 | 2.2  | ---- | 0.0     | 3.6  | ---- | 0.0      | 4.7  | ---- |
| Hip Replacement/Reconstruction.....        | 9               | 0.0                 | 1.8  | ---- | 11.1    | 3.0  | ---- | 11.1     | 4.1  | ---- |
| Open Reduction of Hip Fracture.....        | 14              | 0.0                 | 6.3  | ---- | 0.0     | 11.8 | ---- | 0.0      | 16.1 | ---- |
| Prostatectomy.....                         | 29              | 0.0                 | 0.6  | ---- | 0.0     | 1.4  | ---- | 0.0      | 2.5  | ---- |
| Cholecystectomy.....                       | 25              | 4.0                 | 2.0  | ---- | 4.0     | 3.7  | ---- | 4.0      | 4.9  | ---- |
| Hysterectomy.....                          | 12              | 0.0                 | 0.2  | ---- | 0.0     | 0.6  | ---- | 0.0      | 1.0  | ---- |

\* The Standard Deviation (SD) Is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# ST ELIZABETH COMMUNITY HOSPITAL

Medicare Provider Number: 050042

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 75.3 years  
Proportion female..... 53.0 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 38.0 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 18.9 %  
Admitted for emergency..... 61.9 %

### COMORBIDITIES:

Cancer..... 7.6 %  
Chronic cardiovascular disease..... 34.1 %  
Chronic liver disease..... 1.0 %  
Chronic renal disease..... 4.1 %  
Chronic pulmonary disease..... 17.8 %  
Cerebrovascular degeneration..... 5.1 %  
Diabetes mellitus..... 8.8 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 88.4%  
State ..... 9.7%  
Outside State ..... 1.9%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 5.0 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 87  
Occupancy Rate ..... 47.0 %  
Ownership/Control..... Church  
Medicare Discharges ..... 41.0 %  
Case Mix Index (CMI) ..... 1.1872

### STAFFING:

Total Number of Physicians..... 50  
Percent of Physicians Board  
Certified Specialists ..... 70.0 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 125  
Licensed Practical Nurses ..... 12

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... Yes  
Hospice Care ..... Yes  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... Yes  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# ST FRANCIS MEMORIAL HOSPITAL

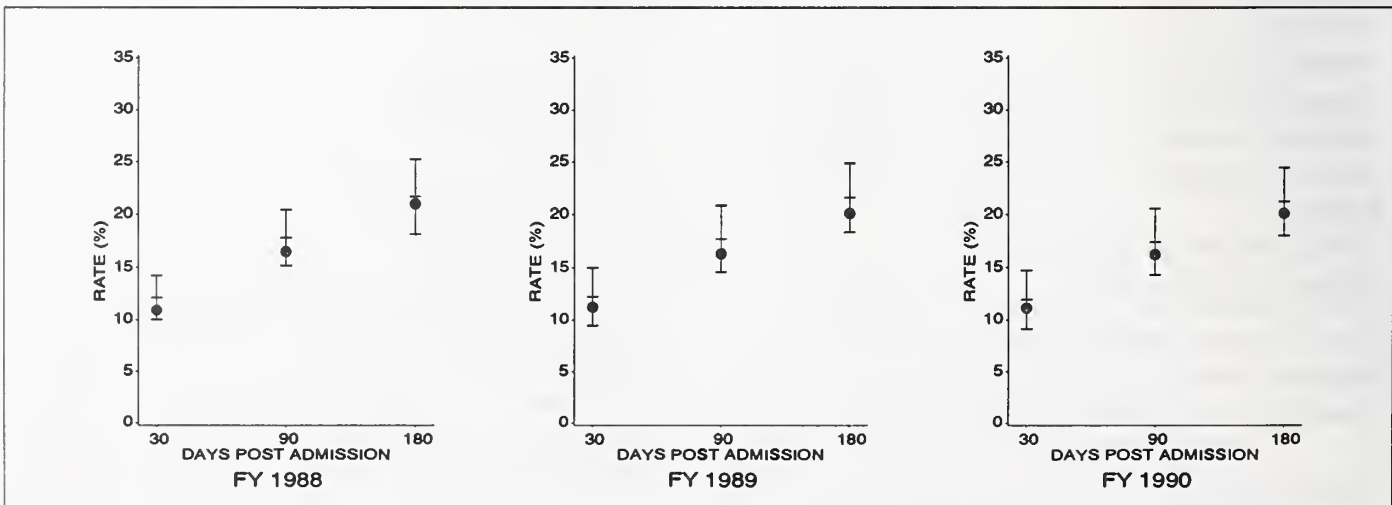
900 HYDE ST  
SAN FRANCISCO, CA 94109  
Medicare Provider Number: 050152

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1595            | 11.1                | 11.9 | 1.4   | 16.2    | 17.4 | 1.6   | 20.1     | 21.2 | 1.6   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 65              | 23.1                | 31.1 | 6.7   | 29.2    | 33.5 | 6.0   | 35.4     | 36.0 | 6.7   |
| Congestive Heart Failure.....              | 92              | 8.7                 | 15.8 | 5.1   | 13.0    | 24.5 | 6.3   | 23.9     | 30.8 | 5.8   |
| Pneumonia/Influenza.....                   | 51              | 9.8                 | 12.5 | 6.5   | 17.6    | 17.8 | 5.8   | 17.6     | 21.3 | 6.7   |
| Chronic Obstructive Pulmonary Disease..... | 18              | 11.1                | 6.9  | ----- | 16.7    | 12.9 | ----- | 16.7     | 17.4 | ----- |
| Transient Cerebral Ischemia.....           | 7               | 0.0                 | 3.0  | ----- | 0.0     | 6.8  | ----- | 0.0      | 11.2 | ----- |
| Stroke.....                                | 98              | 21.4                | 23.2 | 4.5   | 27.6    | 30.3 | 5.4   | 36.7     | 34.5 | 6.0   |
| Hip Fracture.....                          | 63              | 6.3                 | 5.5  | 3.1   | 7.9     | 10.2 | 4.3   | 9.5      | 13.6 | 6.1   |
| Sepsis.....                                | 21              | 14.3                | 31.1 | ----- | 33.3    | 38.6 | ----- | 33.3     | 43.4 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 9               | 0.0                 | 3.0  | ----- | 0.0     | 6.7  | ----- | 0.0      | 10.9 | ----- |
| Carotid Endarterectomy.....                | 7               | 0.0                 | 1.1  | ----- | 0.0     | 2.0  | ----- | 0.0      | 3.0  | ----- |
| Hip Replacement/Reconstruction.....        | 57              | 3.5                 | 3.6  | 2.7   | 5.3     | 7.0  | 4.4   | 5.3      | 9.5  | 5.6   |
| Open Reduction of Hip Fracture.....        | 27              | 7.4                 | 5.2  | ----- | 7.4     | 9.8  | ----- | 11.1     | 13.1 | ----- |
| Prostatectomy.....                         | 51              | 0.0                 | 1.2  | 1.7   | 0.0     | 3.0  | 2.9   | 2.0      | 5.1  | 3.7   |
| Cholecystectomy.....                       | 18              | 5.6                 | 1.4  | ----- | 5.6     | 2.8  | ----- | 5.6      | 4.1  | ----- |
| Hysterectomy.....                          | 7               | 0.0                 | 0.7  | ----- | 0.0     | 1.8  | ----- | 0.0      | 3.0  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# ST FRANCIS MEMORIAL HOSPITAL

Medicare Provider Number: 050152

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 76.0 years  
Proportion female..... 57.2 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 51.2 %  
Transferred from skilled nursing facility..... 0.1 %  
Admitted for elective procedure..... 16.7 %  
Admitted for emergency..... 40.4 %

### COMORBIDITIES:

Cancer..... 9.2 %  
Chronic cardiovascular disease..... 33.0 %  
Chronic liver disease..... 1.4 %  
Chronic renal disease..... 2.3 %  
Chronic pulmonary disease..... 12.0 %  
Cerebrovascular degeneration..... 6.4 %  
Diabetes mellitus..... 3.8 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 85.6%  
State ..... 12.2%  
Outside State ..... 2.2%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 7.7 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 253  
Occupancy Rate ..... 53.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 47.0 %  
Case Mix Index (CMI) ..... 1.4659

### STAFFING:

Total Number of Physicians..... 244  
Percent of Physicians Board  
Certified Specialists..... 60.2 %  
Medical Residents/Interns ..... 6  
Registered Nurses..... 157  
Licensed Practical Nurses..... 18

### SPECIALTY SERVICES:

Burn Unit ..... Yes  
Cardiac Intensive Care ..... Yes  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... No  
Rehabilitation..... No  
Psychiatric..... Yes  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# ST HELENA HOSPITAL & HEALTH CENTER

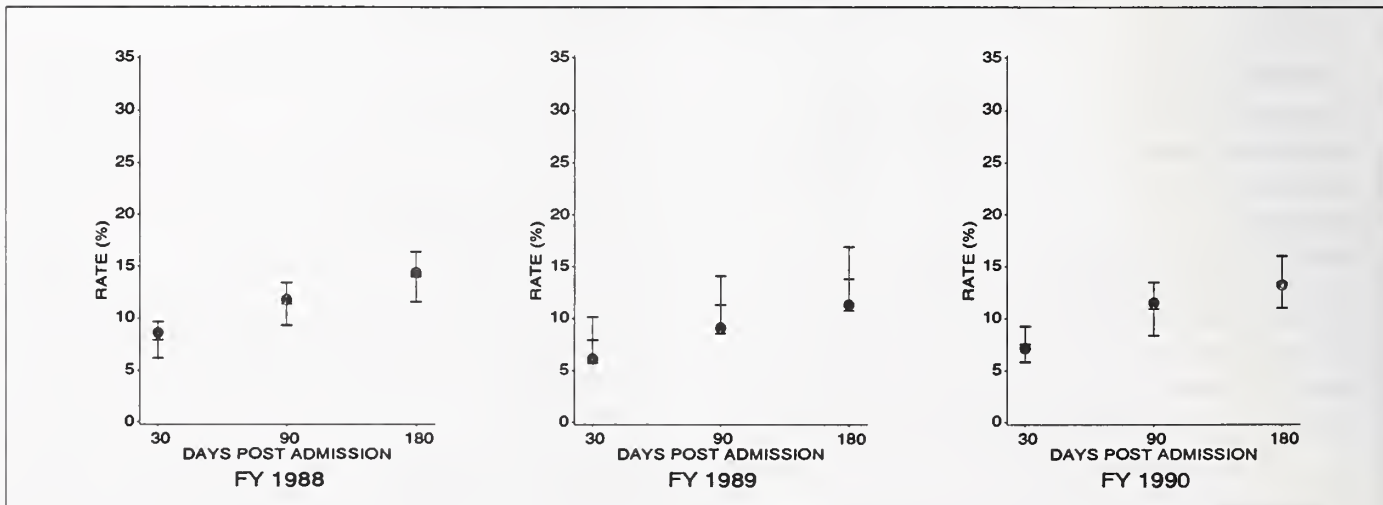
SANITARIUM & WOODLAND STS  
DEER PARK, CA 94576  
Medicare Provider Number: 050013

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 1100               | 7.1                 | 7.5  | 0.9  | 11.5    | 10.9 | 1.3  | 13.2     | 13.5 | 1.3  |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 37                 | 18.9                | 25.6 | ---- | 27.0    | 28.5 | ---- | 29.7     | 30.9 | ---- |
| Congestive Heart Failure.....              | 35                 | 20.0                | 15.1 | ---- | 31.4    | 24.1 | ---- | 37.1     | 30.5 | ---- |
| Pneumonia/Influenza.....                   | 32                 | 12.5                | 13.9 | ---- | 18.8    | 19.3 | ---- | 21.9     | 22.8 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 1                  | 0.0                 | 1.8  | ---- | 0.0     | 3.7  | ---- | 0.0      | 5.1  | ---- |
| Transient Cerebral Ischemia.....           | 17                 | 5.9                 | 1.8  | ---- | 5.9     | 3.8  | ---- | 11.8     | 6.0  | ---- |
| Stroke.....                                | 31                 | 25.8                | 19.4 | ---- | 45.2    | 25.9 | ---- | 48.4     | 30.3 | ---- |
| Hip Fracture.....                          | 22                 | 9.1                 | 6.3  | ---- | 13.6    | 11.6 | ---- | 18.2     | 15.3 | ---- |
| Sepsis.....                                | 9                  | 33.3                | 21.6 | ---- | 33.3    | 27.0 | ---- | 33.3     | 30.9 | ---- |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 90                 | 3.3                 | 2.8  | 3.0  | 8.9     | 3.7  | 3.0  | 10.0     | 4.7  | 3.2  |
| Coronary Artery Bypass Graft.....          | 99                 | 11.1                | 5.9  | 3.0  | 12.1    | 8.4  | 3.1  | 12.1     | 9.5  | 3.1  |
| Initial Pacemaker Insertion.....           | 19                 | 0.0                 | 2.3  | ---- | 0.0     | 5.1  | ---- | 5.3      | 7.8  | ---- |
| Carotid Endarterectomy.....                | 57                 | 3.5                 | 1.3  | 2.3  | 3.5     | 2.4  | 3.4  | 5.3      | 3.6  | 4.3  |
| Hip Replacement/Reconstruction.....        | 23                 | 0.0                 | 2.6  | ---- | 0.0     | 4.8  | ---- | 4.3      | 6.6  | ---- |
| Open Reduction of Hip Fracture.....        | 12                 | 16.7                | 6.0  | ---- | 25.0    | 11.7 | ---- | 25.0     | 15.8 | ---- |
| Prostatectomy.....                         | 26                 | 0.0                 | 1.2  | ---- | 0.0     | 3.0  | ---- | 3.8      | 5.2  | ---- |
| Cholecystectomy.....                       | 22                 | 9.1                 | 4.1  | ---- | 13.6    | 7.7  | ---- | 13.6     | 10.0 | ---- |
| Hysterectomy.....                          | 11                 | 0.0                 | 0.3  | ---- | 0.0     | 0.6  | ---- | 0.0      | 1.0  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# ST HELENA HOSPITAL & HEALTH CENTER

Medicare Provider Number: 050013

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 72.7 years |
| Proportion female.....        | 50.4 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 65.5 % |
| Transferred from skilled nursing facility..... | 0.3 %  |
| Admitted for elective procedure.....           | 25.0 % |
| Admitted for emergency.....                    | 1.5 %  |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 3.5 %  |
| Chronic cardiovascular disease..... | 38.9 % |
| Chronic liver disease.....          | 0.5 %  |
| Chronic renal disease.....          | 2.3 %  |
| Chronic pulmonary disease.....      | 10.5 % |
| Cerebrovascular degeneration.....   | 4.8 %  |
| Diabetes mellitus.....              | 4.7 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 38.5%  |
| State .....         | 59.6%  |
| Outside State ..... | 1.9%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 7.9 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1989

### PROFILE:

|                            |        |
|----------------------------|--------|
| Total Beds .....           | 165    |
| Ownership/Control.....     | Church |
| Case Mix Index (CMI) ..... | 1.9775 |

### STAFFING:

|                                 |     |
|---------------------------------|-----|
| Medical Residents/Interns ..... | 2   |
| Registered Nurses.....          | 136 |
| Licensed Practical Nurses ..... | 6   |

### SPECIALTY SERVICES:

|                           |     |
|---------------------------|-----|
| Burn Unit .....           | No  |
| Coronary Care Unit .....  | Yes |
| Hospice Care .....        | Yes |
| Intensive Care Unit ..... | Yes |
| Organ Transplant .....    | No  |
| Trauma Center .....       | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | Yes |
| Rehabilitation.....       | Yes |
| Psychiatric.....          | Yes |
| Medicare Swing Beds ..... | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# ST JOSEPH HOSPITAL

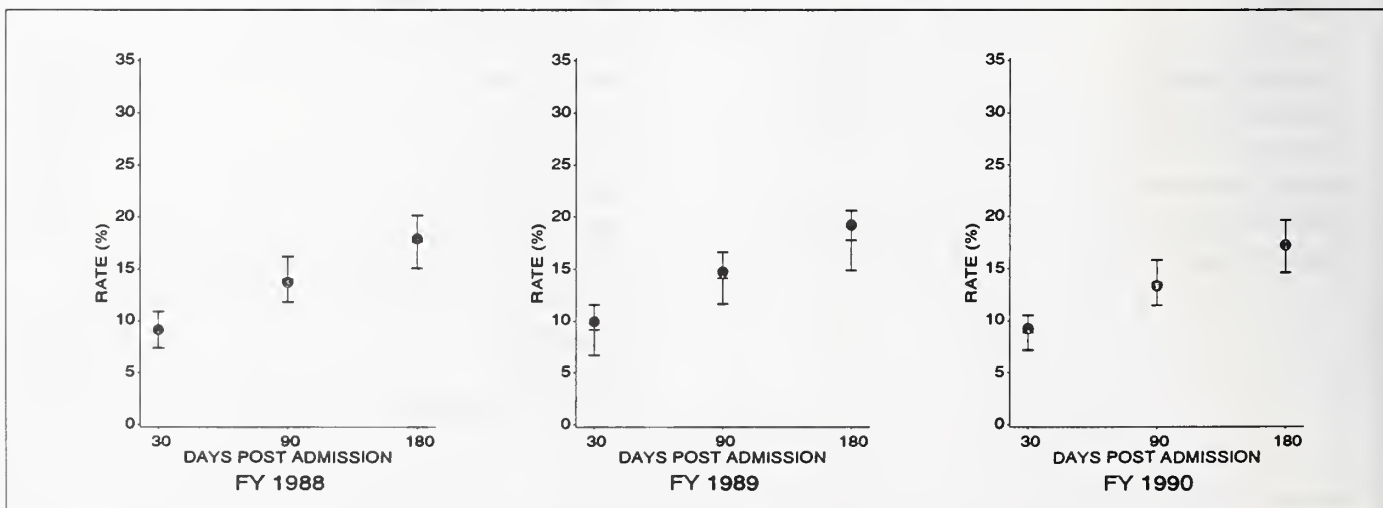
2700 DOLBEER ST  
EUREKA, CA 95501  
Medicare Provider Number: 050006

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1207            | 9.2                 | 8.8  | 0.8   | 13.3    | 13.6 | 1.1   | 17.2     | 17.1 | 1.3   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 34              | 20.6                | 24.7 | ----- | 29.4    | 27.5 | ----- | 35.3     | 30.2 | ----- |
| Congestive Heart Failure.....              | 50              | 12.0                | 11.1 | ----- | 20.0    | 18.1 | ----- | 30.0     | 23.7 | ----- |
| Pneumonia/Influenza.....                   | 54              | 16.7                | 16.0 | 5.1   | 18.5    | 21.6 | 6.6   | 24.1     | 25.2 | 7.1   |
| Chronic Obstructive Pulmonary Disease..... | 24              | 4.2                 | 6.0  | ----- | 12.5    | 11.0 | ----- | 12.5     | 15.3 | ----- |
| Transient Cerebral Ischemia.....           | 13              | 0.0                 | 2.7  | ----- | 0.0     | 5.8  | ----- | 7.7      | 9.2  | ----- |
| Stroke.....                                | 48              | 18.8                | 15.3 | ----- | 22.9    | 22.0 | ----- | 25.0     | 25.6 | ----- |
| Hip Fracture.....                          | 40              | 12.5                | 6.7  | ----- | 17.5    | 11.7 | ----- | 22.5     | 15.2 | ----- |
| Sepsis.....                                | 21              | 14.3                | 22.2 | ----- | 14.3    | 28.7 | ----- | 23.8     | 33.1 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 11              | 27.3                | 4.3  | ----- | 27.3    | 7.9  | ----- | 27.3     | 10.7 | ----- |
| Carotid Endarterectomy.....                | 9               | 0.0                 | 1.3  | ----- | 0.0     | 2.6  | ----- | 0.0      | 3.9  | ----- |
| Hip Replacement/Reconstruction.....        | 41              | 7.3                 | 2.5  | ----- | 14.6    | 4.5  | ----- | 17.1     | 6.1  | ----- |
| Open Reduction of Hip Fracture.....        | 19              | 10.5                | 7.1  | ----- | 10.5    | 12.8 | ----- | 15.8     | 16.8 | ----- |
| Prostatectomy.....                         | 34              | 0.0                 | 1.3  | ----- | 2.9     | 3.2  | ----- | 2.9      | 5.5  | ----- |
| Cholecystectomy.....                       | 21              | 0.0                 | 2.8  | ----- | 4.8     | 4.8  | ----- | 4.8      | 6.0  | ----- |
| Hysterectomy.....                          | 3               | 0.0                 | 2.4  | ----- | 0.0     | 5.1  | ----- | 0.0      | 8.0  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# ST JOSEPH HOSPITAL

Medicare Provider Number: 050006

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 72.9 years  
Proportion female..... 52.1 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 42.8 %  
Transferred from skilled nursing facility..... 0.7 %  
Admitted for elective procedure..... 4.2 %  
Admitted for emergency..... 42.5 %

### COMORBIDITIES:

Cancer..... 7.7 %  
Chronic cardiovascular disease..... 34.7 %  
Chronic liver disease..... 1.4 %  
Chronic renal disease..... 3.5 %  
Chronic pulmonary disease..... 23.6 %  
Cerebrovascular degeneration..... 2.7 %  
Diabetes mellitus..... 8.5 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 92.5%  
State ..... 6.0%  
Outside State ..... 1.5%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 5.2 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 85  
Occupancy Rate ..... 63.0 %  
Ownership/Control..... Church  
Medicare Discharges ..... 48.9 %  
Case Mix Index (CMI) ..... 1.2954

### STAFFING:

Total Number of Physicians..... 105  
Percent of Physicians Board  
Certified Specialists..... 74.3 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 72  
Licensed Practical Nurses..... 10

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... Yes  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# ST JOSEPHS MEDICAL CENTER OF STOCKTON

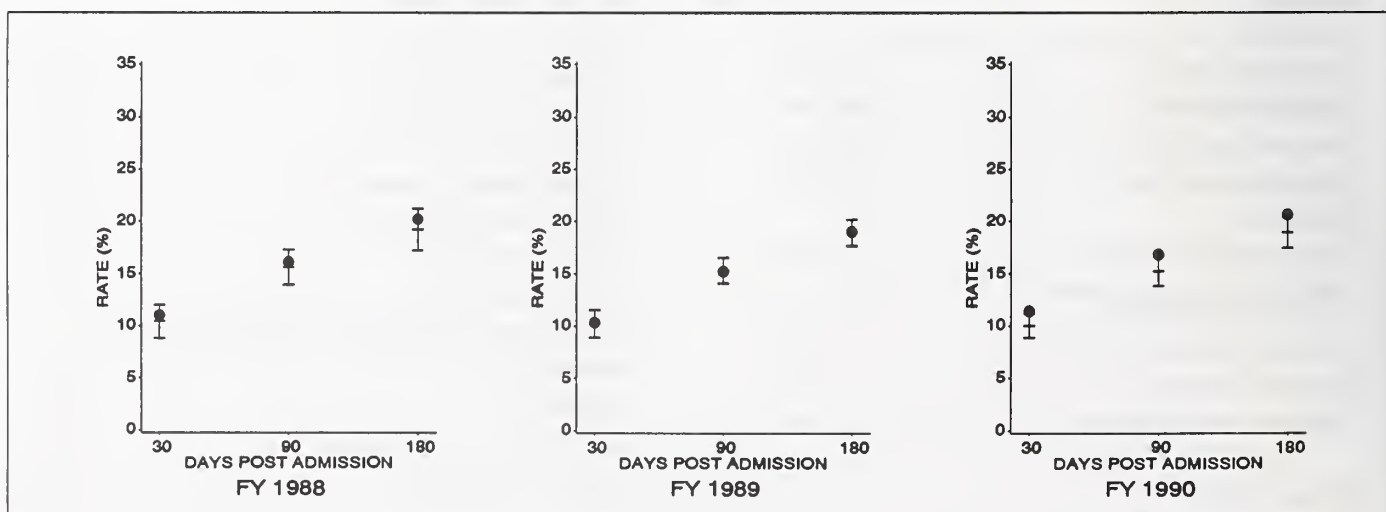
1800 N CALIFORNIA ST  
STOCKTON, CA 95204  
Medicare Provider Number: 050084

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 4152            | 11.4                | 10.0 | 0.6  | 16.8    | 15.2 | 0.7  | 20.6     | 18.9 | 0.8  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 140             | 24.3                | 26.0 | 5.6  | 28.6    | 29.5 | 5.3  | 30.7     | 32.5 | 4.7  |
| Congestive Heart Failure.....              | 221             | 17.6                | 14.9 | 2.8  | 28.5    | 23.7 | 3.7  | 36.7     | 30.1 | 4.5  |
| Pneumonia/Influenza.....                   | 238             | 13.9                | 15.5 | 2.7  | 21.0    | 21.7 | 3.2  | 23.5     | 25.9 | 3.7  |
| Chronic Obstructive Pulmonary Disease..... | 63              | 9.5                 | 7.6  | 3.6  | 22.2    | 13.7 | 7.5  | 23.8     | 18.4 | 6.3  |
| Transient Cerebral Ischemia.....           | 58              | 3.4                 | 1.7  | 2.9  | 6.9     | 3.9  | 4.0  | 8.6      | 6.4  | 3.9  |
| Stroke.....                                | 176             | 23.9                | 19.9 | 4.3  | 30.1    | 26.3 | 4.2  | 33.5     | 30.0 | 4.3  |
| Hip Fracture.....                          | 119             | 4.2                 | 6.7  | 2.9  | 5.9     | 11.8 | 4.3  | 10.9     | 15.4 | 4.0  |
| Sepsis.....                                | 84              | 38.1                | 29.8 | 6.0  | 44.0    | 39.3 | 5.6  | 48.8     | 44.4 | 5.6  |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 203             | 3.4                 | 2.0  | 1.1  | 6.4     | 2.9  | 1.9  | 7.4      | 3.8  | 1.9  |
| Coronary Artery Bypass Graft.....          | 95              | 4.2                 | 6.2  | 3.7  | 6.3     | 8.7  | 3.8  | 8.4      | 9.7  | 3.5  |
| Initial Pacemaker Insertion.....           | 19              | 0.0                 | 2.7  | ---- | 0.0     | 5.0  | ---- | 0.0      | 7.3  | ---- |
| Carotid Endarterectomy.....                | 28              | 0.0                 | 1.2  | ---- | 0.0     | 2.2  | ---- | 3.6      | 3.4  | ---- |
| Hip Replacement/Reconstruction.....        | 77              | 2.6                 | 4.3  | 3.6  | 5.2     | 8.1  | 4.5  | 7.8      | 10.7 | 4.4  |
| Open Reduction of Hip Fracture.....        | 67              | 4.5                 | 5.2  | 4.1  | 6.0     | 9.5  | 4.6  | 11.9     | 12.8 | 4.1  |
| Prostatectomy.....                         | 91              | 0.0                 | 0.8  | 1.2  | 0.0     | 1.9  | 2.2  | 0.0      | 3.3  | 3.5  |
| Cholecystectomy.....                       | 96              | 3.1                 | 2.5  | 1.7  | 4.2     | 4.7  | 2.3  | 6.3      | 6.4  | 2.6  |
| Hysterectomy.....                          | 31              | 0.0                 | 0.3  | ---- | 3.2     | 0.7  | ---- | 3.2      | 1.3  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# ST JOSEPHS MEDICAL CENTER OF STOCKTON

Medicare Provider Number: 050084

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 74.2 years  
Proportion female..... 51.0 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 48.1 %  
Transferred from skilled nursing facility..... 2.7 %  
Admitted for elective procedure..... 20.9 %  
Admitted for emergency..... 22.6 %

### COMORBIDITIES:

Cancer..... 9.5 %  
Chronic cardiovascular disease..... 38.5 %  
Chronic liver disease..... 1.5 %  
Chronic renal disease..... 5.0 %  
Chronic pulmonary disease..... 15.9 %  
Cerebrovascular degeneration..... 4.5 %  
Diabetes mellitus..... 6.3 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 91.0%  
State..... 8.1%  
Outside State..... 0.9%  
Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 7.0 Days  
State..... 7.1 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds..... 319  
Occupancy Rate..... 71.0 %  
Ownership/Control..... Church  
Medicare Discharges..... 47.1 %  
Case Mix Index (CMI)..... 1.4557

### STAFFING:

Total Number of Physicians..... 275  
Percent of Physicians Board  
Certified Specialists..... 68.4 %  
Medical Residents/Interns..... 0  
Registered Nurses..... 327  
Licensed Practical Nurses..... 84

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... Yes  
Trauma Center..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... No  
Rehabilitation..... No  
Psychiatric..... No  
Medicare Swing Beds..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# ST JOSEPHS PARKSIDE HOSPITAL

2510 NORTH CALIFORNIA ST  
STOCKTON, CA 95204  
Medicare Provider Number: 050201

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1                  | 0.0                 | 2.8  | ----- | 0.0     | 5.0  | ----- | 0.0      | 6.6  | ----- |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 0                  |                     |      |       |         |      |       |          |      |       |
| Congestive Heart Failure.....              | 0                  |                     |      |       |         |      |       |          |      |       |
| Pneumonia/Influenza.....                   | 0                  |                     |      |       |         |      |       |          |      |       |
| Chronic Obstructive Pulmonary Disease..... | 0                  |                     |      |       |         |      |       |          |      |       |
| Transient Cerebral Ischemia.....           | 0                  |                     |      |       |         |      |       |          |      |       |
| Stroke.....                                | 0                  |                     |      |       |         |      |       |          |      |       |
| Hip Fracture.....                          | 0                  |                     |      |       |         |      |       |          |      |       |
| Sepsis.....                                | 0                  |                     |      |       |         |      |       |          |      |       |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0                  |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 0                  |                     |      |       |         |      |       |          |      |       |
| Open Reduction of Hip Fracture.....        | 0                  |                     |      |       |         |      |       |          |      |       |
| Prostatectomy.....                         | 0                  |                     |      |       |         |      |       |          |      |       |
| Cholecystectomy.....                       | 0                  |                     |      |       |         |      |       |          |      |       |
| Hysterectomy.....                          | 0                  |                     |      |       |         |      |       |          |      |       |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES

No Graphs are presented when the standard deviation  
was not computed for one or more of the three fiscal years,  
(1988, 1989, or 1990)

# ST JOSEPHS PARKSIDE HOSPITAL

Medicare Provider Number: 050201

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 75.0 years  
Proportion female..... 0.0 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 100.0 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 0.0 %  
Admitted for emergency..... 0.0 %

### COMORBIDITIES:

Cancer..... 0.0 %  
Chronic cardiovascular disease..... 0.0 %  
Chronic liver disease..... 0.0 %  
Chronic renal disease..... 0.0 %  
Chronic pulmonary disease..... 0.0 %  
Cerebrovascular degeneration..... 0.0 %  
Diabetes mellitus..... 0.0 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 0.0%  
State ..... 100.0%  
Outside State ..... 0.0%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 0.0 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1983

### PROFILE:

Total Beds ..... 41  
Ownership/Control..... Private, For Profit  
Case Mix Index (CMI) ..... 1.1547

### STAFFING:

Medical Residents/Interns ..... 0  
Registered Nurses..... 15  
Licensed Practical Nurses ..... 10

### SPECIALTY SERVICES:

Burn Unit ..... No  
Coronary Care Unit ..... No  
Hospice Care ..... No  
Intensive Care Unit ..... No  
Organ Transplant ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

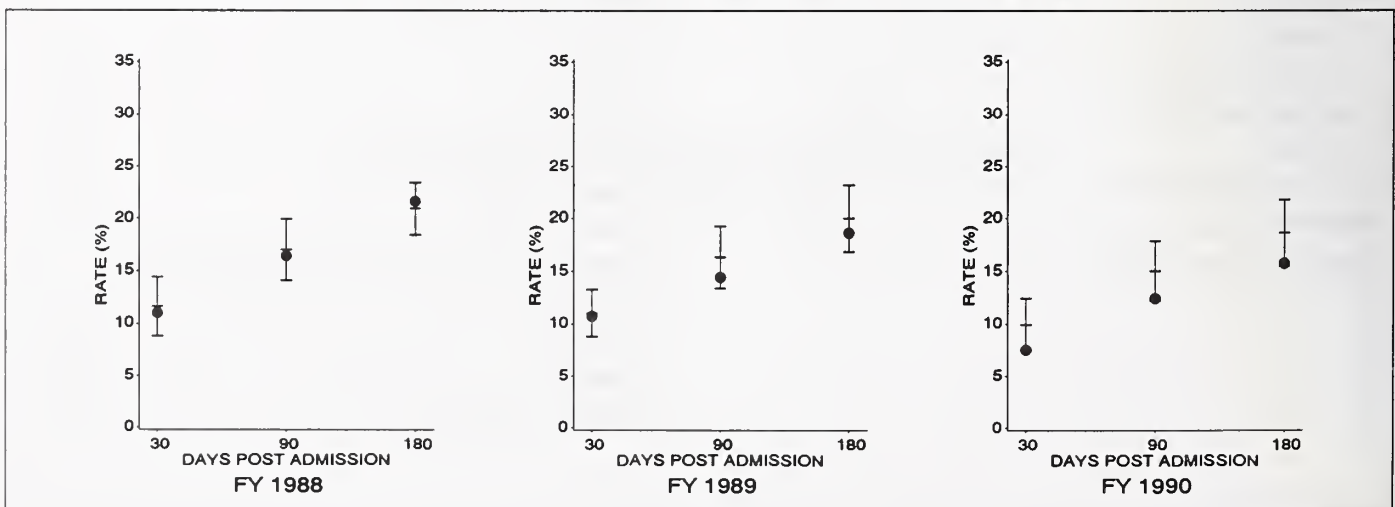
**ST LUKES HOSPITAL**  
 3555 ARMY ST  
 SAN FRANCISCO, CA 94110  
 Medicare Provider Number: 050055

**FY 1990 MEDICARE HOSPITAL MORTALITY RATES**

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1174            | 7.5                 | 9.9  | 1.3   | 12.4    | 15.0 | 1.4   | 15.7     | 18.6 | 1.6   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 29              | 13.8                | 26.8 | ----- | 27.6    | 29.7 | ----- | 27.6     | 32.3 | ----- |
| Congestive Heart Failure.....              | 75              | 10.7                | 14.9 | 6.1   | 21.3    | 23.1 | 6.4   | 25.3     | 29.2 | 7.3   |
| Pneumonia/Influenza.....                   | 56              | 14.3                | 14.4 | 4.7   | 16.1    | 20.1 | 5.9   | 17.9     | 23.8 | 6.6   |
| Chronic Obstructive Pulmonary Disease..... | 17              | 11.8                | 11.2 | ----- | 23.5    | 18.1 | ----- | 23.5     | 22.6 | ----- |
| Transient Cerebral Ischemia.....           | 15              | 0.0                 | 2.8  | ----- | 6.7     | 6.1  | ----- | 13.3     | 9.8  | ----- |
| Stroke.....                                | 75              | 17.3                | 22.3 | 7.6   | 21.3    | 28.9 | 10.2  | 26.7     | 32.8 | 10.9  |
| Hip Fracture.....                          | 31              | 6.5                 | 6.6  | ----- | 9.7     | 12.3 | ----- | 12.9     | 16.3 | ----- |
| Sepsis.....                                | 26              | 23.1                | 24.5 | ----- | 26.9    | 30.9 | ----- | 30.8     | 35.2 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 15              | 0.0                 | 5.2  | ----- | 0.0     | 8.2  | ----- | 6.7      | 10.9 | ----- |
| Carotid Endarterectomy.....                | 1               | 0.0                 | 2.0  | ----- | 0.0     | 3.9  | ----- | 0.0      | 5.3  | ----- |
| Hip Replacement/Reconstruction.....        | 21              | 9.5                 | 4.7  | ----- | 9.5     | 9.2  | ----- | 14.3     | 12.4 | ----- |
| Open Reduction of Hip Fracture.....        | 12              | 0.0                 | 5.7  | ----- | 0.0     | 11.0 | ----- | 0.0      | 14.9 | ----- |
| Prostatectomy.....                         | 52              | 0.0                 | 0.8  | 1.9   | 0.0     | 1.8  | 3.2   | 0.0      | 3.1  | 4.7   |
| Cholecystectomy.....                       | 29              | 0.0                 | 1.7  | ----- | 0.0     | 3.1  | ----- | 0.0      | 4.2  | ----- |
| Hysterectomy.....                          | 8               | 0.0                 | 1.0  | ----- | 0.0     | 2.2  | ----- | 0.0      | 3.4  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

**OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD)  
 FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES**





**ST LUKES HOSPITAL**  
Medicare Provider Number: 050055

**FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES**

**DEMOGRAPHICS:**

Average age at admission..... 75.3 years  
Proportion female..... 58.4 %

**ADMISSION SOURCES/TYPES:**

Referred by personal or HMO physician..... 37.9 %  
Transferred from skilled nursing facility..... 0.8 %  
Admitted for elective procedure..... 15.1 %  
Admitted for emergency..... 63.5 %

**COMORBIDITIES:**

Cancer..... 6.8 %  
Chronic cardiovascular disease..... 29.7 %  
Chronic liver disease..... 1.4 %  
Chronic renal disease..... 2.3 %  
Chronic pulmonary disease..... 13.0 %  
Cerebrovascular degeneration..... 6.5 %  
Diabetes mellitus..... 6.8 %

**ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\***

**ORIGIN OF MEDICARE PATIENT ADMISSION:**

County/City ..... 90.3%  
State ..... 8.6%  
Outside State ..... 1.1%  
Total ..... 100.0%

**MEDICARE AVERAGE LENGTH OF STAY:**

Hospital ..... 6.7 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

**HOSPITAL CHARACTERISTICS\***

**SOURCE:** Health Care Financing Administration (OSCAR)\*\* - Survey Year 1990

**PROFILE:**

Total Beds ..... 260  
Ownership/Control..... Church  
Case Mix Index (CMI) ..... 1.2658

**STAFFING:**

Medical Residents/Interns ..... 2  
Registered Nurses..... 173  
Licensed Practical Nurses..... 38

**SPECIALTY SERVICES:**

Burn Unit ..... No  
Coronary Care Unit ..... Yes  
Hospice Care ..... No  
Intensive Care Unit ..... Yes  
Organ Transplant ..... No  
Trauma Center ..... No

**OTHER SPECIALTY/HOSPITAL-BASED SERVICES:**

Alcohol/Drug ..... No  
Rehabilitation..... Yes  
Psychiatric ..... Yes  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# ST MARYS HOSPITAL MEDICAL CENTER

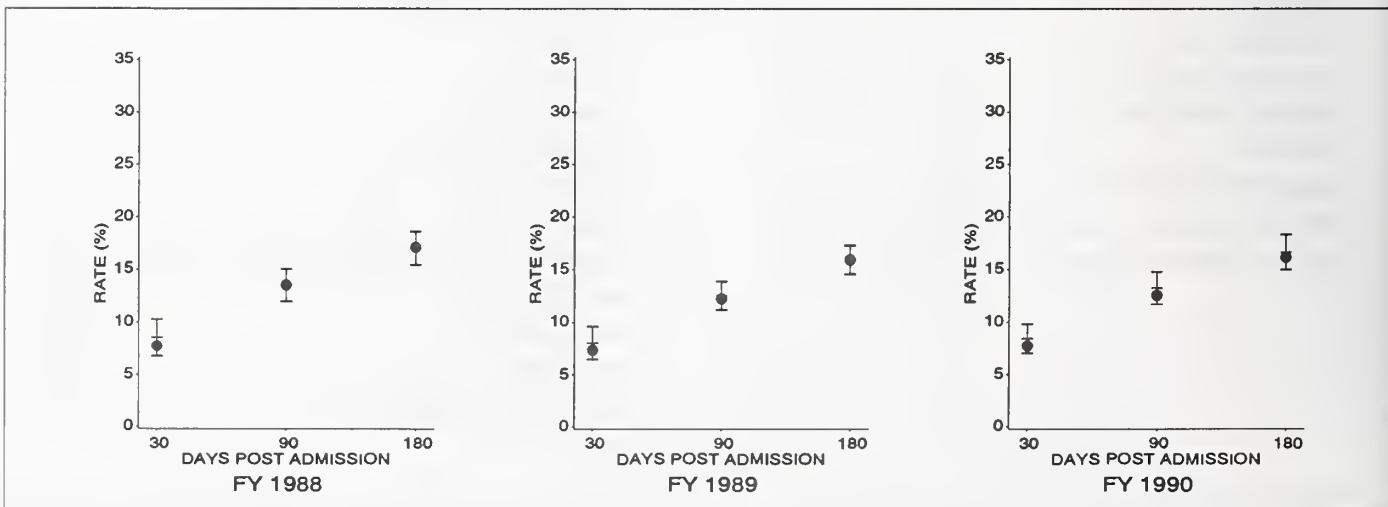
450 STANYAN ST  
SAN FRANCISCO, CA 94117  
Medicare Provider Number: 050457

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 2701            | 7.7                 | 8.4  | 0.7  | 12.5    | 13.2 | 0.8  | 16.1     | 16.6 | 0.8  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 58              | 27.6                | 27.7 | 6.5  | 31.0    | 31.7 | 6.7  | 34.5     | 34.5 | 6.4  |
| Congestive Heart Failure.....              | 167             | 17.4                | 15.5 | 3.3  | 25.1    | 24.7 | 3.7  | 29.3     | 31.2 | 3.9  |
| Pneumonia/Influenza.....                   | 83              | 10.8                | 12.8 | 3.9  | 12.0    | 17.7 | 5.7  | 15.7     | 21.2 | 6.2  |
| Chronic Obstructive Pulmonary Disease..... | 17              | 11.8                | 10.6 | ---- | 11.8    | 18.8 | ---- | 23.5     | 24.8 | ---- |
| Transient Cerebral Ischemia.....           | 26              | 0.0                 | 1.8  | ---- | 7.7     | 4.2  | ---- | 15.4     | 7.1  | ---- |
| Stroke.....                                | 102             | 14.7                | 20.4 | 6.3  | 27.5    | 27.8 | 5.4  | 32.4     | 31.8 | 5.6  |
| Hip Fracture.....                          | 80              | 1.2                 | 5.9  | 4.1  | 8.7     | 10.8 | 6.6  | 12.5     | 14.2 | 6.3  |
| Sepsis.....                                | 27              | 25.9                | 21.2 | ---- | 25.9    | 29.5 | ---- | 33.3     | 34.3 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 108             | 0.0                 | 1.7  | 2.0  | 0.0     | 2.6  | 2.7  | 0.9      | 3.5  | 2.7  |
| Coronary Artery Bypass Graft.....          | 182             | 8.2                 | 4.4  | 3.3  | 9.9     | 6.3  | 3.5  | 11.0     | 7.1  | 3.7  |
| Initial Pacemaker Insertion.....           | 20              | 0.0                 | 3.5  | ---- | 10.0    | 6.6  | ---- | 20.0     | 9.3  | ---- |
| Carotid Endarterectomy.....                | 10              | 10.0                | 1.1  | ---- | 10.0    | 2.1  | ---- | 10.0     | 3.1  | ---- |
| Hip Replacement/Reconstruction.....        | 101             | 0.0                 | 2.3  | 2.3  | 5.9     | 4.5  | 2.8  | 7.9      | 6.3  | 2.7  |
| Open Reduction of Hip Fracture.....        | 37              | 2.7                 | 6.1  | ---- | 10.8    | 11.3 | ---- | 16.2     | 14.8 | ---- |
| Prostatectomy.....                         | 69              | 1.4                 | 1.2  | 1.4  | 1.4     | 2.7  | 3.2  | 1.4      | 4.5  | 6.0  |
| Cholecystectomy.....                       | 28              | 3.6                 | 4.0  | ---- | 7.1     | 7.7  | ---- | 10.7     | 10.4 | ---- |
| Hysterectomy.....                          | 13              | 7.7                 | 0.6  | ---- | 7.7     | 1.4  | ---- | 7.7      | 2.3  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# ST MARYS HOSPITAL MEDICAL CENTER

Medicare Provider Number: 050457

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 75.5 years |
| Proportion female.....        | 55.6 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 53.5 % |
| Transferred from skilled nursing facility..... | 0.1 %  |
| Admitted for elective procedure.....           | 29.5 % |
| Admitted for emergency.....                    | 15.8 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 7.4 %  |
| Chronic cardiovascular disease..... | 40.9 % |
| Chronic liver disease.....          | 0.8 %  |
| Chronic renal disease.....          | 2.1 %  |
| Chronic pulmonary disease.....      | 9.2 %  |
| Cerebrovascular degeneration.....   | 5.4 %  |
| Diabetes mellitus.....              | 5.6 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 70.9%  |
| State .....         | 27.3%  |
| Outside State ..... | 1.8%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 7.7 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |        |
|----------------------------|--------|
| Total Beds .....           | 357    |
| Occupancy Rate .....       | 63.0 % |
| Ownership/Control.....     | Church |
| Medicare Discharges .....  | 48.0 % |
| Case Mix Index (CMI) ..... | 1.6652 |

### STAFFING:

|                                                           |        |
|-----------------------------------------------------------|--------|
| Total Number of Physicians.....                           | 277    |
| Percent of Physicians Board<br>Certified Specialists..... | 76.5 % |
| Medical Residents/Interns .....                           | 59     |
| Registered Nurses.....                                    | 311    |
| Licensed Practical Nurses .....                           | 48     |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug.....         | Yes |
| Rehabilitation.....       | Yes |
| Psychiatric .....         | Yes |
| Medicare Swing Beds ..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

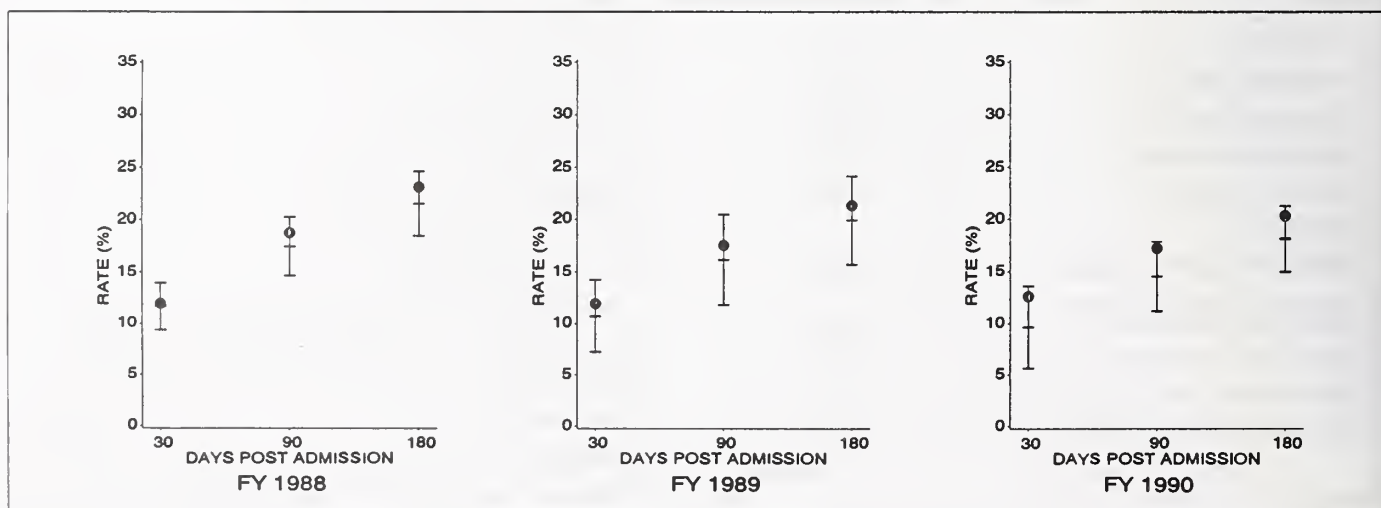
**ST ROSE HOSPITAL**  
 27200 CALAROGA AVE  
 HAYWARD, CA 94545  
 Medicare Provider Number: 050002

**FY 1990 MEDICARE HOSPITAL MORTALITY RATES**

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1078               | 12.6                | 9.6  | 2.0   | 17.2    | 14.5 | 1.7   | 20.3     | 18.1 | 1.6   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 33                 | 24.2                | 27.2 | ----- | 27.3    | 30.5 | ----- | 33.3     | 33.3 | ----- |
| Congestive Heart Failure.....              | 67                 | 22.4                | 14.9 | 6.0   | 28.4    | 23.9 | 5.7   | 32.8     | 30.3 | 5.8   |
| Pneumonia/Influenza.....                   | 51                 | 23.5                | 16.1 | 7.1   | 27.5    | 22.5 | 8.1   | 35.3     | 26.6 | 9.8   |
| Chronic Obstructive Pulmonary Disease..... | 13                 | 7.7                 | 6.8  | ----- | 15.4    | 12.2 | ----- | 23.1     | 16.3 | ----- |
| Transient Cerebral Ischemia.....           | 26                 | 0.0                 | 2.1  | ----- | 15.4    | 4.7  | ----- | 15.4     | 7.6  | ----- |
| Stroke.....                                | 45                 | 28.9                | 17.5 | ----- | 31.1    | 23.0 | ----- | 31.1     | 26.5 | ----- |
| Hip Fracture.....                          | 25                 | 8.0                 | 4.6  | ----- | 8.0     | 8.4  | ----- | 12.0     | 11.3 | ----- |
| Sepsis.....                                | 9                  | 33.3                | 20.9 | ----- | 33.3    | 31.3 | ----- | 44.4     | 37.2 | ----- |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 17                 | 11.8                | 3.6  | ----- | 17.6    | 6.9  | ----- | 17.6     | 10.1 | ----- |
| Carotid Endarterectomy.....                | 1                  | 0.0                 | 2.8  | ----- | 0.0     | 4.9  | ----- | 0.0      | 6.7  | ----- |
| Hip Replacement/Reconstruction.....        | 15                 | 13.3                | 2.8  | ----- | 13.3    | 5.4  | ----- | 13.3     | 7.4  | ----- |
| Open Reduction of Hip Fracture.....        | 15                 | 0.0                 | 4.3  | ----- | 0.0     | 8.0  | ----- | 6.7      | 10.8 | ----- |
| Prostatectomy.....                         | 38                 | 0.0                 | 0.5  | ----- | 0.0     | 1.2  | ----- | 0.0      | 2.2  | ----- |
| Cholecystectomy.....                       | 16                 | 0.0                 | 1.6  | ----- | 0.0     | 3.3  | ----- | 0.0      | 4.7  | ----- |
| Hysterectomy.....                          | 6                  | 0.0                 | 0.1  | ----- | 0.0     | 0.3  | ----- | 0.0      | 0.5  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

**OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD)  
 FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES**





**ST ROSE HOSPITAL**  
Medicare Provider Number: 050002

**FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES**

**DEMOGRAPHICS:**

Average age at admission..... 73.7 years  
Proportion female..... 57.0 %

**ADMISSION SOURCES/TYPES:**

Referred by personal or HMO physician..... 27.4 %  
Transferred from skilled nursing facility..... 3.1 %  
Admitted for elective procedure..... 16.6 %  
Admitted for emergency..... 29.5 %

**COMORBIDITIES:**

Cancer..... 5.5 %  
Chronic cardiovascular disease..... 31.9 %  
Chronic liver disease..... 1.2 %  
Chronic renal disease..... 2.7 %  
Chronic pulmonary disease..... 13.2 %  
Cerebrovascular degeneration..... 4.8 %  
Diabetes mellitus..... 8.2 %

**ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\***

**ORIGIN OF MEDICARE PATIENT ADMISSION:**

County/City ..... 87.8%  
State ..... 9.3%  
Outside State ..... 2.9%  
Total ..... 100.0%

**MEDICARE AVERAGE LENGTH OF STAY:**

Hospital ..... 7.2 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

**HOSPITAL CHARACTERISTICS\***

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

**PROFILE:**

Total Beds ..... 138  
Occupancy Rate ..... 68.0 %  
Ownership/Control..... Church  
Medicare Discharges ..... 33.5 %  
Case Mix Index (CMI) ..... 1.3046

**STAFFING:**

Total Number of Physicians..... 94  
Percent of Physicians Board  
Certified Specialists..... 75.5 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 125  
Licensed Practical Nurses ..... 31

**SPECIALTY SERVICES:**

Burn Unit ..... No  
Cardiac Intensive Care ..... Yes  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

**OTHER SPECIALTY/HOSPITAL-BASED SERVICES:**

Alcohol/Drug ..... Yes  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# STANFORD UNIVERSITY HOSPITAL

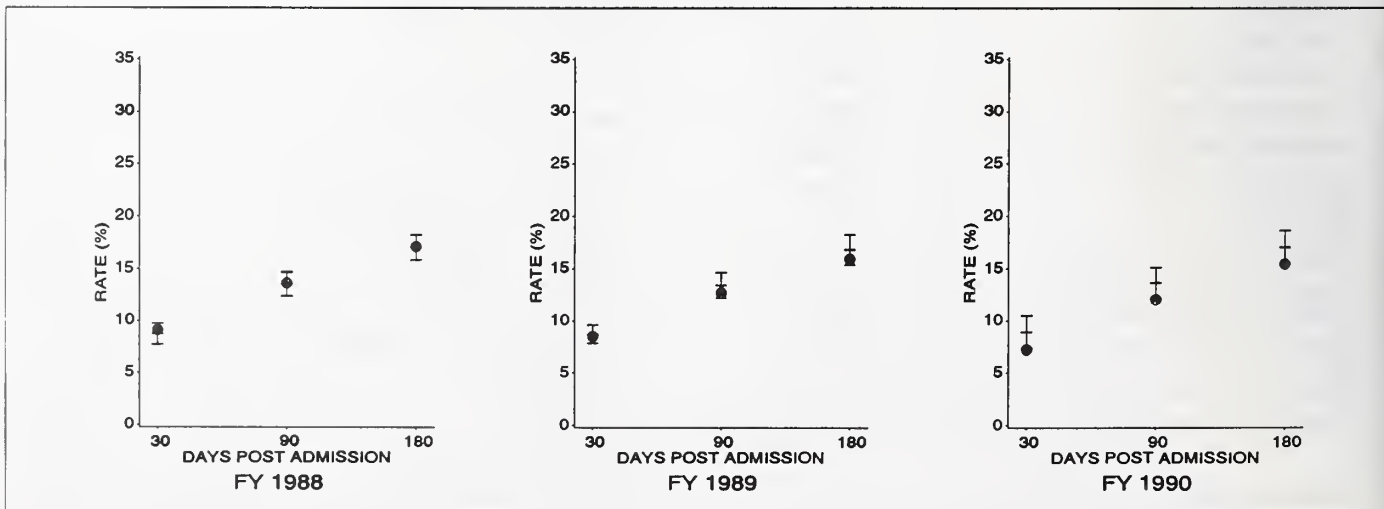
300 PASTEUR DR  
STANFORD, CA 94305  
Medicare Provider Number: 050441

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 3998               | 7.2                 | 8.9  | 0.8   | 12.0    | 13.6 | 0.8   | 15.4     | 17.0 | 0.8   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 91                 | 18.7                | 28.7 | 8.7   | 26.4    | 32.0 | 8.0   | 29.7     | 34.7 | 7.1   |
| Congestive Heart Failure.....              | 121                | 7.4                 | 13.8 | 5.6   | 20.7    | 21.8 | 6.4   | 26.4     | 27.7 | 5.6   |
| Pneumonia/Influenza.....                   | 101                | 15.8                | 16.7 | 4.6   | 22.8    | 22.8 | 4.2   | 27.7     | 26.7 | 4.5   |
| Chronic Obstructive Pulmonary Disease..... | 33                 | 15.2                | 11.8 | ----- | 24.2    | 18.6 | ----- | 30.3     | 23.7 | ----- |
| Transient Cerebral Ischemia.....           | 37                 | 0.0                 | 2.0  | ----- | 5.4     | 4.3  | ----- | 5.4      | 6.8  | ----- |
| Stroke.....                                | 118                | 14.4                | 21.0 | 6.7   | 19.5    | 27.0 | 7.9   | 24.6     | 30.6 | 7.6   |
| Hip Fracture.....                          | 93                 | 3.2                 | 7.0  | 3.7   | 9.7     | 12.1 | 4.8   | 10.8     | 15.7 | 5.8   |
| Sepsis.....                                | 41                 | 29.3                | 27.3 | ----- | 29.3    | 34.2 | ----- | 31.7     | 38.3 | ----- |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 78                 | 2.6                 | 3.1  | 2.2   | 2.6     | 4.1  | 2.7   | 2.6      | 5.2  | 3.3   |
| Coronary Artery Bypass Graft.....          | 76                 | 11.8                | 6.8  | 5.4   | 18.4    | 9.8  | 7.0   | 19.7     | 11.0 | 7.1   |
| Initial Pacemaker Insertion.....           | 32                 | 0.0                 | 3.8  | ----- | 0.0     | 7.0  | ----- | 0.0      | 9.6  | ----- |
| Carotid Endarterectomy.....                | 32                 | 0.0                 | 1.8  | ----- | 6.3     | 3.1  | ----- | 6.3      | 4.5  | ----- |
| Hip Replacement/Reconstruction.....        | 130                | 1.5                 | 3.4  | 2.4   | 5.4     | 6.4  | 3.0   | 6.2      | 8.8  | 3.5   |
| Open Reduction of Hip Fracture.....        | 40                 | 2.5                 | 6.5  | ----- | 7.5     | 11.5 | ----- | 10.0     | 15.2 | ----- |
| Prostatectomy.....                         | 142                | 0.7                 | 0.8  | 0.8   | 1.4     | 1.8  | 1.2   | 2.8      | 3.2  | 1.6   |
| Cholecystectomy.....                       | 44                 | 2.3                 | 2.5  | ----- | 2.3     | 4.5  | ----- | 2.3      | 5.8  | ----- |
| Hysterectomy.....                          | 33                 | 0.0                 | 1.1  | ----- | 3.0     | 2.5  | ----- | 3.0      | 4.1  | ----- |

\* The Standard Deviation (SD) Is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# STANFORD UNIVERSITY HOSPITAL

Medicare Provider Number: 050441

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 72.4 years  
Proportion female..... 52.5 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 59.1 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 31.6 %  
Admitted for emergency..... 60.6 %

### COMORBIDITIES:

Cancer..... 10.9 %  
Chronic cardiovascular disease..... 36.1 %  
Chronic liver disease..... 1.0 %  
Chronic renal disease..... 3.1 %  
Chronic pulmonary disease..... 10.4 %  
Cerebrovascular degeneration..... 4.4 %  
Diabetes mellitus..... 5.6 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 40.8%  
State ..... 55.0%  
Outside State ..... 4.2%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 8.4 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 483  
Occupancy Rate ..... 82.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges .....(Not Available)  
Case Mix Index (CMI) ..... 1.6536

### STAFFING:

Total Number of Physicians..... (Not Available)  
Percent of Physicians Board  
Certified Specialists .....(Not Available)  
Medical Residents/Interns ..... (Not Available)  
Registered Nurses..... (Not Available)  
Licensed Practical Nurses ..... (Not Available)

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... Yes  
Comprehensive Geriatric ..... No  
Hospice Care ..... Yes  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... Yes  
Other Intensive Care ..... No  
Trauma Center ..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... Yes  
Rehabilitation..... No  
Psychiatric ..... Yes  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# STANISLAUS MEDICAL CENTER

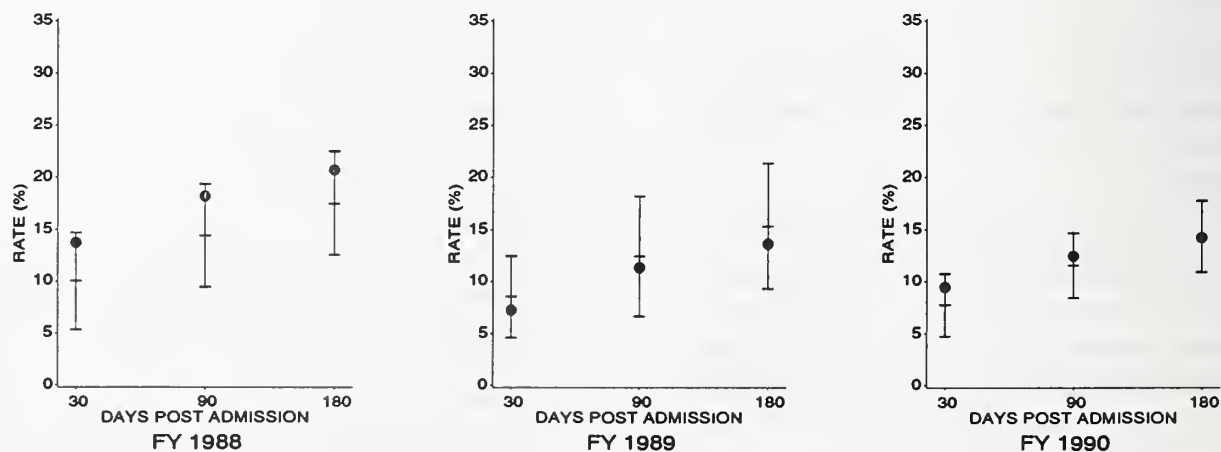
830 SCENIC DRIVE  
MODESTO, CA 95350  
Medicare Provider Number: 050183

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 458             | 9.4                 | 7.7  | 1.5  | 12.4    | 11.5 | 1.6  | 14.2     | 14.3 | 1.7  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 11              | 18.2                | 22.7 | ---- | 18.2    | 24.6 | ---- | 18.2     | 26.7 | ---- |
| Congestive Heart Failure.....              | 27              | 11.1                | 12.3 | ---- | 22.2    | 19.8 | ---- | 25.9     | 25.4 | ---- |
| Pneumonia/Influenza.....                   | 23              | 8.7                 | 10.8 | ---- | 8.7     | 15.0 | ---- | 8.7      | 18.0 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 17              | 5.9                 | 8.8  | ---- | 5.9     | 13.8 | ---- | 5.9      | 17.8 | ---- |
| Transient Cerebral Ischemia.....           | 6               | 0.0                 | 1.1  | ---- | 0.0     | 2.5  | ---- | 0.0      | 4.1  | ---- |
| Stroke.....                                | 16              | 37.5                | 18.2 | ---- | 37.5    | 23.7 | ---- | 43.8     | 27.2 | ---- |
| Hip Fracture.....                          | 12              | 0.0                 | 4.7  | ---- | 0.0     | 8.2  | ---- | 0.0      | 10.6 | ---- |
| Sepsis.....                                | 17              | 17.6                | 18.5 | ---- | 23.5    | 25.7 | ---- | 29.4     | 29.8 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 2               | 0.0                 | 3.9  | ---- | 0.0     | 7.7  | ---- | 0.0      | 10.8 | ---- |
| Carotid Endarterectomy.....                | 1               | 100.0               | 1.5  | ---- | 100.0   | 2.6  | ---- | 100.0    | 4.0  | ---- |
| Hip Replacement/Reconstruction.....        | 7               | 0.0                 | 5.1  | ---- | 0.0     | 10.5 | ---- | 0.0      | 15.5 | ---- |
| Open Reduction of Hip Fracture.....        | 5               | 0.0                 | 5.1  | ---- | 0.0     | 9.1  | ---- | 0.0      | 11.7 | ---- |
| Prostatectomy.....                         | 3               | 0.0                 | 1.7  | ---- | 0.0     | 3.2  | ---- | 0.0      | 4.6  | ---- |
| Cholecystectomy.....                       | 5               | 20.0                | 0.9  | ---- | 20.0    | 1.5  | ---- | 20.0     | 2.1  | ---- |
| Hysterectomy.....                          | 1               | 0.0                 | 0.1  | ---- | 0.0     | 0.2  | ---- | 0.0      | 0.4  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# STANISLAUS MEDICAL CENTER

Medicare Provider Number: 050183

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 63.3 years |
| Proportion female.....        | 42.6 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 0.0 %  |
| Transferred from skilled nursing facility..... | 0.0 %  |
| Admitted for elective procedure.....           | 10.9 % |
| Admitted for emergency.....                    | 77.1 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 4.4 %  |
| Chronic cardiovascular disease..... | 27.9 % |
| Chronic liver disease.....          | 1.7 %  |
| Chronic renal disease.....          | 1.1 %  |
| Chronic pulmonary disease.....      | 22.3 % |
| Cerebrovascular degeneration.....   | 6.1 %  |
| Diabetes mellitus.....              | 7.4 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City.....    | 91.4%  |
| State .....         | 7.7%   |
| Outside State ..... | 0.9%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 9.2 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                  |
|----------------------------|------------------|
| Total Beds .....           | 108              |
| Occupancy Rate .....       | 55.0 %           |
| Ownership/Control.....     | Local Government |
| Medicare Discharges .....  | 16.1 %           |
| Case Mix Index (CMI) ..... | 1.1638           |

### STAFFING:

|                                                           |         |
|-----------------------------------------------------------|---------|
| Total Number of Physicians.....                           | 47      |
| Percent of Physicians Board<br>Certified Specialists..... | 100.0 % |
| Medical Residents/Interns .....                           | 21      |
| Registered Nurses.....                                    | 68      |
| Licensed Practical Nurses .....                           | 41      |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | Yes |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |    |
|---------------------------|----|
| Alcohol/Drug .....        | No |
| Rehabilitation .....      | No |
| Psychiatric .....         | No |
| Medicare Swing Beds ..... | No |

\*\* Except for CMI

\* Not used in calculating mortality rates

# SURPRISE VALLEY COMMUNITY HOSPITAL

MAIN & WASHINGTON ST  
CEDARVILLE,, CA 96104  
Medicare Provider Number: 050676

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 13                 | 15.4                | 10.8 | ----- | 23.1    | 17.5 | ----- | 23.1     | 22.6 | ----- |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 0                  |                     |      |       |         |      |       |          |      |       |
| Congestive Heart Failure.....              | 1                  | 100.0               | 37.8 | ----- | 100.0   | 56.8 | ----- | 100.0    | 67.8 | ----- |
| Pneumonia/Influenza.....                   | 3                  | 33.3                | 7.6  | ----- | 33.3    | 10.5 | ----- | 33.3     | 12.8 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 2                  | 0.0                 | 13.2 | ----- | 0.0     | 20.4 | ----- | 0.0      | 28.1 | ----- |
| Transient Cerebral Ischemia.....           | 0                  |                     |      |       |         |      |       |          |      |       |
| Stroke.....                                | 0                  |                     |      |       |         |      |       |          |      |       |
| Hip Fracture.....                          | 0                  |                     |      |       |         |      |       |          |      |       |
| Sepsis.....                                | 0                  |                     |      |       |         |      |       |          |      |       |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0                  |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 0                  |                     |      |       |         |      |       |          |      |       |
| Open Reduction of Hip Fracture.....        | 0                  |                     |      |       |         |      |       |          |      |       |
| Prostatectomy.....                         | 0                  |                     |      |       |         |      |       |          |      |       |
| Cholecystectomy.....                       | 0                  |                     |      |       |         |      |       |          |      |       |
| Hysterectomy.....                          | 0                  |                     |      |       |         |      |       |          |      |       |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES

No Graphs are presented when the standard deviation  
was not computed for one or more of the three fiscal years,  
(1988, 1989, or 1990)

# SURPRISE VALLEY COMMUNITY HOSPITAL

Medicare Provider Number: 050676

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 78.8 years  
Proportion female..... 46.2 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 61.5 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 0.0 %  
Admitted for emergency..... 38.5 %

### COMORBIDITIES:

Cancer..... 15.4 %  
Chronic cardiovascular disease..... 23.1 %  
Chronic liver disease..... 0.0 %  
Chronic renal disease..... 0.0 %  
Chronic pulmonary disease..... 38.5 %  
Cerebrovascular degeneration..... 0.0 %  
Diabetes mellitus..... 0.0 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 80.8%  
State ..... 7.7%  
Outside State ..... 11.5%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 2.5 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 18  
Occupancy Rate ..... 77.0 %  
Ownership/Control..... District/Authority  
Medicare Discharges ..... 33.6 %  
Case Mix Index (CMI) ..... 0.9538

### STAFFING:

Total Number of Physicians..... 2  
Percent of Physicians Board  
Certified Specialists ..... 100.0 %  
Medical Residents/Interns ..... (Not Available)  
Registered Nurses..... (Not Available)  
Licensed Practical Nurses ..... (Not Available)

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... No  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# SUTTER COAST HOSPITAL

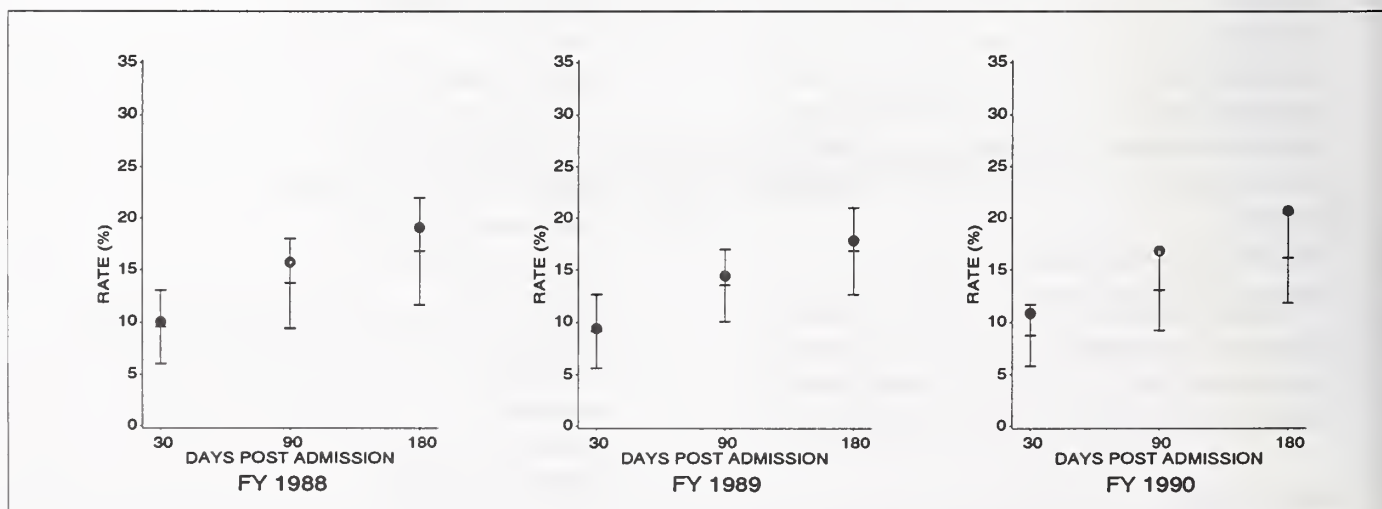
100 A ST  
CRESCENT CITY, CA 95531  
Medicare Provider Number: 050417

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 590             | 10.8                | 8.7  | 1.5   | 16.8    | 13.0 | 1.9   | 20.7     | 16.1 | 2.2   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 21              | 33.3                | 23.5 | ----- | 38.1    | 26.1 | ----- | 38.1     | 28.5 | ----- |
| Congestive Heart Failure.....              | 21              | 23.8                | 17.8 | ----- | 33.3    | 29.5 | ----- | 57.1     | 36.9 | ----- |
| Pneumonia/Influenza.....                   | 53              | 9.4                 | 13.6 | 6.1   | 17.0    | 19.0 | 5.9   | 18.9     | 22.6 | 7.1   |
| Chronic Obstructive Pulmonary Disease..... | 27              | 11.1                | 6.1  | ----- | 14.8    | 10.6 | ----- | 22.2     | 14.1 | ----- |
| Transient Cerebral Ischemia.....           | 6               | 0.0                 | 1.8  | ----- | 0.0     | 4.0  | ----- | 0.0      | 6.6  | ----- |
| Stroke.....                                | 31              | 19.4                | 19.1 | ----- | 25.8    | 24.4 | ----- | 25.8     | 27.9 | ----- |
| Hip Fracture.....                          | 24              | 8.3                 | 4.6  | ----- | 20.8    | 8.4  | ----- | 25.0     | 11.2 | ----- |
| Sepsis.....                                | 5               | 20.0                | 23.7 | ----- | 60.0    | 29.8 | ----- | 60.0     | 34.3 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 1               | 0.0                 | 0.9  | ----- | 0.0     | 2.0  | ----- | 0.0      | 3.2  | ----- |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 11              | 9.1                 | 2.1  | ----- | 9.1     | 4.0  | ----- | 9.1      | 5.8  | ----- |
| Open Reduction of Hip Fracture.....        | 13              | 7.7                 | 4.8  | ----- | 30.8    | 9.2  | ----- | 30.8     | 12.4 | ----- |
| Prostatectomy.....                         | 0               |                     |      |       |         |      |       |          |      |       |
| Cholecystectomy.....                       | 9               | 0.0                 | 1.1  | ----- | 0.0     | 2.0  | ----- | 0.0      | 2.6  | ----- |
| Hysterectomy.....                          | 3               | 0.0                 | 0.1  | ----- | 0.0     | 0.2  | ----- | 0.0      | 0.3  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# SUTTER COAST HOSPITAL

Medicare Provider Number: 050417

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 73.8 years |
| Proportion female.....        | 51.5 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 38.5 % |
| Transferred from skilled nursing facility..... | 0.8 %  |
| Admitted for elective procedure.....           | 9.5 %  |
| Admitted for emergency.....                    | 58.0 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 5.1 %  |
| Chronic cardiovascular disease..... | 34.2 % |
| Chronic liver disease.....          | 1.4 %  |
| Chronic renal disease.....          | 1.0 %  |
| Chronic pulmonary disease.....      | 22.5 % |
| Cerebrovascular degeneration.....   | 4.1 %  |
| Diabetes mellitus.....              | 7.8 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 67.8%  |
| State .....         | 6.9%   |
| Outside State ..... | 25.3%  |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 4.9 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1989

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 44                  |
| Occupancy Rate .....       | 47.0 %              |
| Ownership/Control.....     | Private, Non-Profit |
| Medicare Discharges .....  | 43.7 %              |
| Case Mix Index (CMI) ..... | 1.1468              |

### STAFFING:

|                                                           |        |
|-----------------------------------------------------------|--------|
| Total Number of Physicians.....                           | 25     |
| Percent of Physicians Board<br>Certified Specialists..... | 88.0 % |
| Medical Residents/Interns .....                           | 0      |
| Registered Nurses.....                                    | 56     |
| Licensed Practical Nurses .....                           | 12     |

### SPECIALTY SERVICES:

|                                       |    |
|---------------------------------------|----|
| Burn Unit .....                       | No |
| Cardiac Intensive Care .....          | No |
| Comprehensive Geriatric .....         | No |
| Hospice Care .....                    | No |
| Medical/Surgical Intensive Care ..... | No |
| Organ/Tissue Transplant .....         | No |
| Other Intensive Care .....            | No |
| Trauma Center .....                   | No |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |    |
|---------------------------|----|
| Alcohol/Drug .....        | No |
| Rehabilitation.....       | No |
| Psychiatric .....         | No |
| Medicare Swing Beds ..... | No |

\*\* Except for CMI

\* Not used in calculating mortality rates

# SUTTER DAVIS HOSPITAL

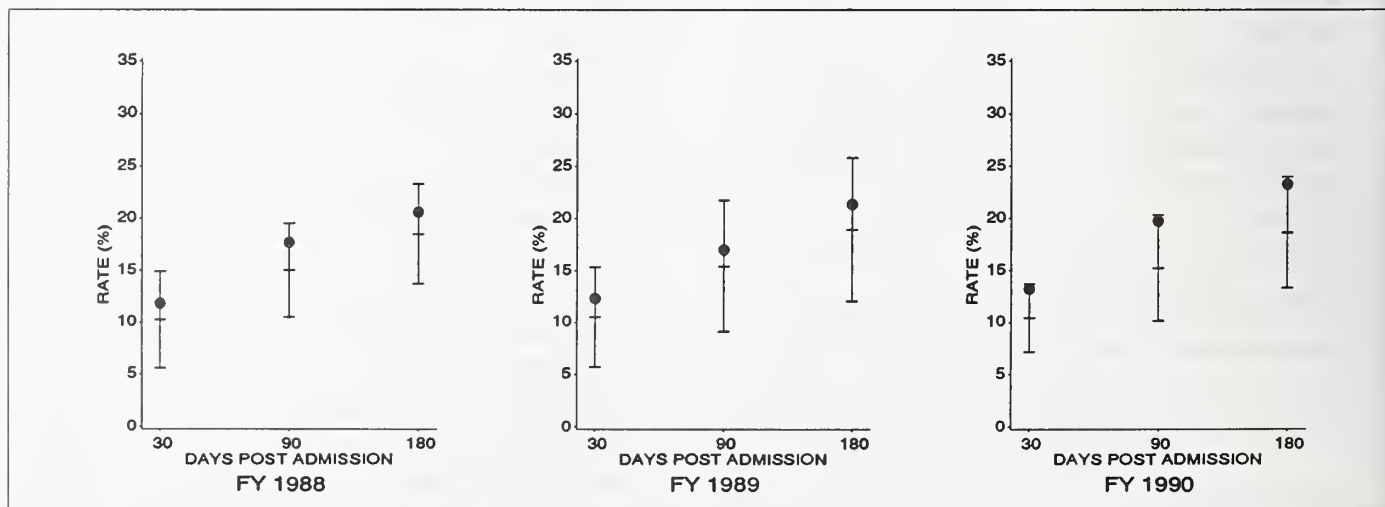
ROADS 99 AND 31  
DAVIS, CA 95616  
Medicare Provider Number: 050537

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 569             | 13.2                | 10.4 | 1.7  | 19.7    | 15.2 | 2.6  | 23.2     | 18.6 | 2.7  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 18              | 50.0                | 27.8 | ---- | 55.6    | 30.9 | ---- | 61.1     | 33.9 | ---- |
| Congestive Heart Failure.....              | 29              | 20.7                | 16.0 | ---- | 31.0    | 23.7 | ---- | 41.4     | 30.0 | ---- |
| Pneumonia/Influenza.....                   | 40              | 25.0                | 14.6 | ---- | 35.0    | 20.7 | ---- | 37.5     | 24.9 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 6               | 0.0                 | 6.3  | ---- | 0.0     | 11.2 | ---- | 0.0      | 15.1 | ---- |
| Transient Cerebral Ischemia.....           | 9               | 0.0                 | 1.4  | ---- | 11.1    | 3.2  | ---- | 11.1     | 5.6  | ---- |
| Stroke.....                                | 29              | 24.1                | 19.9 | ---- | 34.5    | 26.5 | ---- | 37.9     | 30.2 | ---- |
| Hip Fracture.....                          | 25              | 12.0                | 5.5  | ---- | 32.0    | 9.8  | ---- | 32.0     | 13.0 | ---- |
| Sepsis.....                                | 4               | 50.0                | 34.4 | ---- | 50.0    | 39.2 | ---- | 50.0     | 43.5 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 6               | 0.0                 | 3.8  | ---- | 0.0     | 7.6  | ---- | 16.7     | 10.5 | ---- |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 20              | 10.0                | 3.0  | ---- | 20.0    | 5.5  | ---- | 20.0     | 7.6  | ---- |
| Open Reduction of Hip Fracture.....        | 11              | 9.1                 | 5.1  | ---- | 36.4    | 9.2  | ---- | 36.4     | 12.3 | ---- |
| Prostatectomy.....                         | 18              | 0.0                 | 0.8  | ---- | 0.0     | 1.6  | ---- | 0.0      | 2.7  | ---- |
| Cholecystectomy.....                       | 10              | 0.0                 | 2.4  | ---- | 0.0     | 4.3  | ---- | 10.0     | 5.4  | ---- |
| Hysterectomy.....                          | 2               | 0.0                 | 5.1  | ---- | 0.0     | 11.6 | ---- | 0.0      | 17.7 | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# SUTTER DAVIS HOSPITAL

Medicare Provider Number: 050537

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 76.8 years  
Proportion female..... 58.9 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 41.1 %  
Transferred from skilled nursing facility..... 0.7 %  
Admitted for elective procedure..... 0.0 %  
Admitted for emergency..... 58.2 %

### COMORBIDITIES:

Cancer..... 4.2 %  
Chronic cardiovascular disease..... 28.8 %  
Chronic liver disease..... 0.9 %  
Chronic renal disease..... 2.1 %  
Chronic pulmonary disease..... 13.4 %  
Cerebrovascular degeneration..... 5.3 %  
Diabetes mellitus..... 6.2 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 67.6%  
State ..... 30.3%  
Outside State ..... 2.1%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 5.1 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 48  
Occupancy Rate ..... 41.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 46.4 %  
Case Mix Index (CMI) ..... 1.2444

### STAFFING:

Total Number of Physicians..... 67  
Percent of Physicians Board  
Certified Specialists..... 89.6 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 35  
Licensed Practical Nurses ..... 1

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# SUTTER GENERAL HOSPITAL

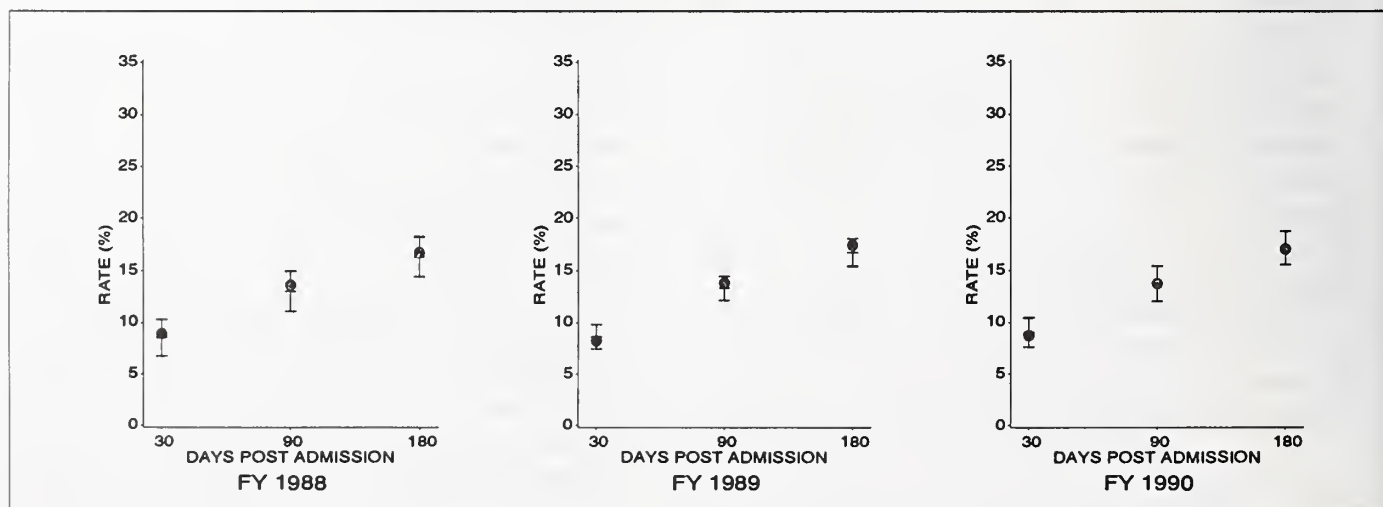
2801 L STREET  
SACRAMENTO, CA 95816  
Medicare Provider Number: 050108

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 3673            | 8.7                 | 9.0  | 0.7  | 13.7    | 13.7 | 0.8  | 17.0     | 17.1 | 0.8  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 81              | 37.0                | 29.4 | 6.8  | 40.7    | 33.1 | 7.7  | 43.2     | 36.1 | 6.8  |
| Congestive Heart Failure.....              | 163             | 17.8                | 15.2 | 5.6  | 30.1    | 24.1 | 6.2  | 33.7     | 30.0 | 6.3  |
| Pneumonia/Influenza.....                   | 167             | 13.8                | 15.9 | 5.0  | 21.0    | 22.3 | 4.6  | 25.1     | 26.5 | 5.0  |
| Chronic Obstructive Pulmonary Disease..... | 50              | 10.0                | 9.9  | ---- | 20.0    | 17.1 | ---- | 26.0     | 22.1 | ---- |
| Transient Cerebral Ischemia.....           | 55              | 1.8                 | 2.1  | 2.0  | 1.8     | 4.7  | 3.7  | 5.5      | 7.6  | 4.1  |
| Stroke.....                                | 202             | 18.8                | 22.0 | 6.1  | 25.7    | 28.1 | 7.0  | 27.7     | 32.0 | 6.6  |
| Hip Fracture.....                          | 148             | 4.7                 | 6.7  | 2.6  | 10.1    | 11.8 | 3.1  | 12.8     | 15.4 | 3.7  |
| Sepsis.....                                | 52              | 21.2                | 19.7 | 5.8  | 23.1    | 27.5 | 7.1  | 26.9     | 31.9 | 8.2  |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 1               | 0.0                 | 7.2  | ---- | 0.0     | 7.8  | ---- | 0.0      | 8.5  | ---- |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 10              | 0.0                 | 1.6  | ---- | 10.0    | 3.5  | ---- | 10.0     | 5.5  | ---- |
| Carotid Endarterectomy.....                | 18              | 0.0                 | 1.4  | ---- | 5.6     | 2.6  | ---- | 11.1     | 3.8  | ---- |
| Hip Replacement/Reconstruction.....        | 181             | 1.7                 | 2.3  | 1.2  | 2.8     | 4.3  | 2.2  | 3.9      | 5.9  | 3.0  |
| Open Reduction of Hip Fracture.....        | 67              | 6.0                 | 6.4  | 3.1  | 10.4    | 11.6 | 4.2  | 14.9     | 15.2 | 4.4  |
| Prostatectomy.....                         | 170             | 0.0                 | 0.8  | 1.0  | 2.4     | 1.8  | 1.1  | 3.5      | 3.1  | 1.5  |
| Cholecystectomy.....                       | 55              | 1.8                 | 2.2  | 2.7  | 1.8     | 4.3  | 4.0  | 3.6      | 5.9  | 4.6  |
| Hysterectomy.....                          | 3               | 0.0                 | 1.8  | ---- | 0.0     | 3.8  | ---- | 0.0      | 6.0  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# SUTTER GENERAL HOSPITAL

Medicare Provider Number: 050108

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 74.8 years  
Proportion female..... 54.4 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 48.9 %  
Transferred from skilled nursing facility..... 5.4 %  
Admitted for elective procedure..... 28.0 %  
Admitted for emergency..... 13.3 %

### COMORBIDITIES:

Cancer..... 6.2 %  
Chronic cardiovascular disease..... 31.1 %  
Chronic liver disease..... 1.3 %  
Chronic renal disease..... 3.6 %  
Chronic pulmonary disease..... 15.9 %  
Cerebrovascular degeneration..... 5.0 %  
Diabetes mellitus..... 6.9 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 79.7%  
State..... 18.6%  
Outside State..... 1.7%  
Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 7.5 Days  
State..... 7.1 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds..... 402  
Occupancy Rate..... 74.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges..... 52.2 %  
Case Mix Index (CMI)..... 1.3976

### STAFFING:

Total Number of Physicians..... 531  
Percent of Physicians Board  
Certified Specialists..... 78.0 %  
Medical Residents/Interns..... 0  
Registered Nurses..... 309  
Licensed Practical Nurses..... 66

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... Yes  
Trauma Center..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... No  
Rehabilitation..... No  
Psychiatric..... No  
Medicare Swing Beds..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# SUTTER MEMORIAL HOSPITAL

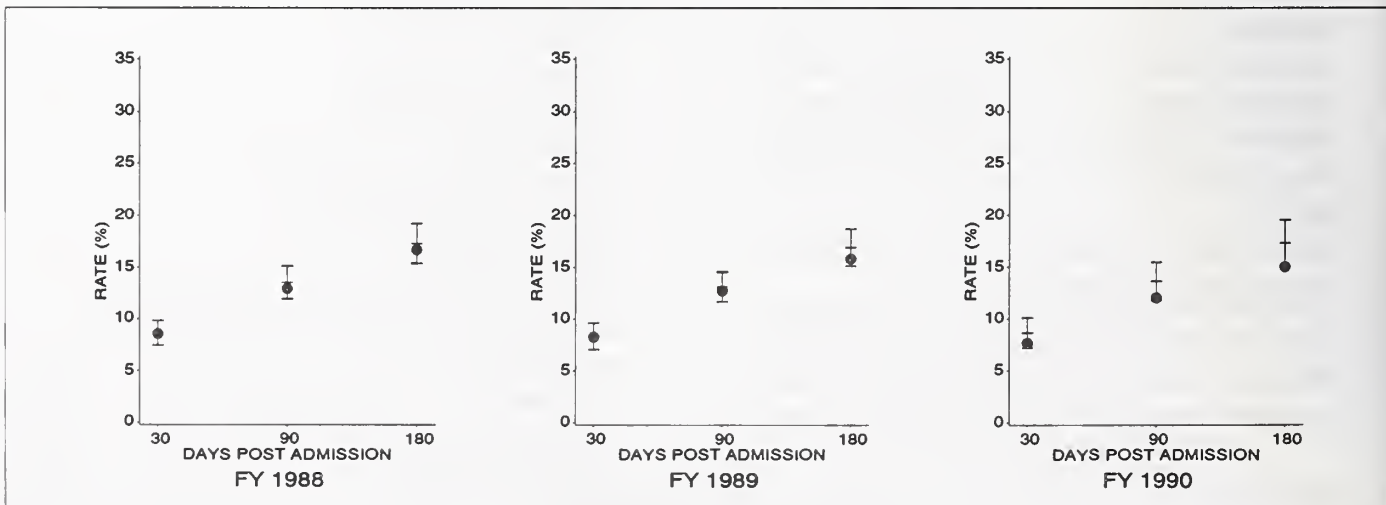
52ND & F STS  
SACRAMENTO, CA 95819  
Medicare Provider Number: 050109

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 2167            | 7.6                 | 8.6  | 0.7  | 12.0    | 13.6 | 0.9  | 15.0     | 17.3 | 1.1  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 142             | 13.4                | 21.3 | 4.2  | 14.8    | 24.4 | 4.7  | 18.3     | 27.1 | 4.7  |
| Congestive Heart Failure.....              | 104             | 16.3                | 13.2 | 3.8  | 19.2    | 21.2 | 4.3  | 24.0     | 27.1 | 4.8  |
| Pneumonia/Influenza.....                   | 41              | 26.8                | 14.9 | ---- | 36.6    | 21.3 | ---- | 43.9     | 25.7 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 18              | 0.0                 | 8.0  | ---- | 11.1    | 15.2 | ---- | 16.7     | 20.9 | ---- |
| Transient Cerebral Ischemia.....           | 20              | 0.0                 | 1.7  | ---- | 0.0     | 3.7  | ---- | 0.0      | 5.9  | ---- |
| Stroke.....                                | 43              | 11.6                | 18.4 | ---- | 16.3    | 23.8 | ---- | 20.9     | 27.3 | ---- |
| Hip Fracture.....                          | 0               |                     |      |      |         |      |      |          |      |      |
| Sepsis.....                                | 10              | 40.0                | 36.1 | ---- | 60.0    | 54.8 | ---- | 70.0     | 63.2 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 156             | 1.9                 | 2.8  | 2.3  | 2.6     | 3.8  | 2.9  | 3.2      | 4.7  | 3.1  |
| Coronary Artery Bypass Graft.....          | 301             | 2.7                 | 7.1  | 1.5  | 3.3     | 10.1 | 1.8  | 3.7      | 11.3 | 1.9  |
| Initial Pacemaker Insertion.....           | 25              | 4.0                 | 3.2  | ---- | 4.0     | 6.2  | ---- | 4.0      | 9.2  | ---- |
| Carotid Endarterectomy.....                | 19              | 0.0                 | 2.0  | ---- | 5.3     | 3.5  | ---- | 5.3      | 5.1  | ---- |
| Hip Replacement/Reconstruction.....        | 0               |                     |      |      |         |      |      |          |      |      |
| Open Reduction of Hip Fracture.....        | 0               |                     |      |      |         |      |      |          |      |      |
| Prostatectomy.....                         | 10              | 0.0                 | 1.2  | ---- | 10.0    | 2.7  | ---- | 10.0     | 4.6  | ---- |
| Cholecystectomy.....                       | 33              | 0.0                 | 2.4  | ---- | 0.0     | 4.6  | ---- | 6.1      | 6.2  | ---- |
| Hysterectomy.....                          | 74              | 0.0                 | 0.7  | 1.1  | 0.0     | 1.7  | 1.8  | 0.0      | 2.8  | 2.5  |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# SUTTER MEMORIAL HOSPITAL

Medicare Provider Number: 050109

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 71.7 years  
Proportion female..... 50.9 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 58.6 %  
Transferred from skilled nursing facility..... 0.7 %  
Admitted for elective procedure..... 31.8 %  
Admitted for emergency..... 7.9 %

### COMORBIDITIES:

Cancer..... 15.0 %  
Chronic cardiovascular disease..... 55.1 %  
Chronic liver disease..... 0.7 %  
Chronic renal disease..... 3.7 %  
Chronic pulmonary disease..... 14.8 %  
Cerebrovascular degeneration..... 1.5 %  
Diabetes mellitus..... 5.8 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 64.5%  
State..... 33.2%  
Outside State..... 2.3%  
Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 7.6 Days  
State..... 7.1 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds..... 353  
Occupancy Rate..... 82.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges..... 20.3 %  
Case Mix Index (CMI)..... 2.0861

### STAFFING:

Total Number of Physicians..... 531  
Percent of Physicians Board  
Certified Specialists..... 78.0 %  
Medical Residents/Interns..... 0  
Registered Nurses..... 582  
Licensed Practical Nurses..... 87

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... Yes  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... Yes  
Other Intensive Care..... Yes  
Trauma Center..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... No  
Rehabilitation..... No  
Psychiatric..... No  
Medicare Swing Beds..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# SUTTER SOLANO MEDICAL CENTER

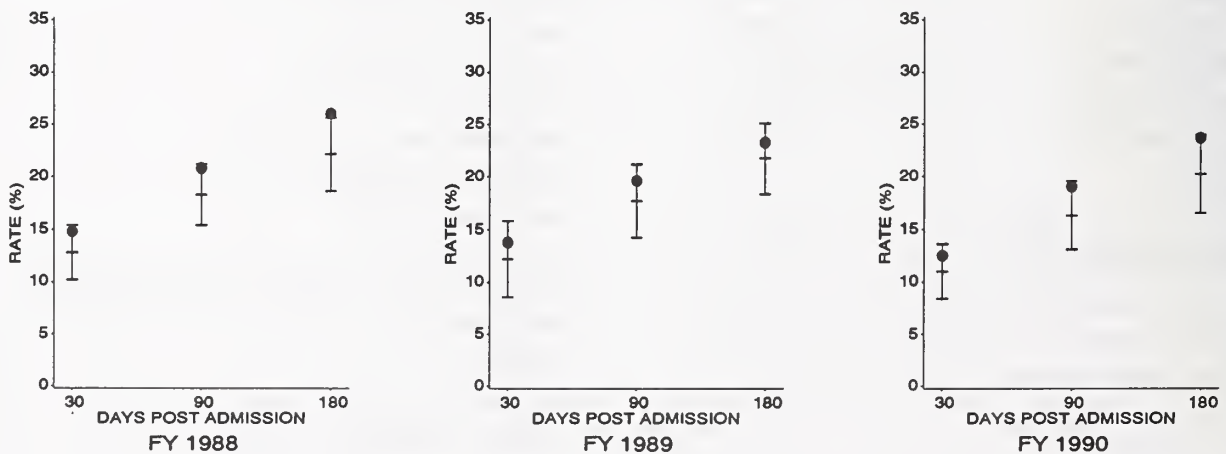
300 HOSPITAL DR  
VALLEJO, CA 94590  
Medicare Provider Number: 050101

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 883             | 12.5                | 11.0 | 1.3   | 19.0    | 16.3 | 1.6   | 23.6     | 20.2 | 1.9   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 20              | 30.0                | 24.6 | ----- | 35.0    | 28.7 | ----- | 40.0     | 31.9 | ----- |
| Congestive Heart Failure.....              | 49              | 4.1                 | 15.9 | ----- | 12.2    | 24.9 | ----- | 22.4     | 31.7 | ----- |
| Pneumonia/Influenza.....                   | 40              | 20.0                | 17.7 | ----- | 32.5    | 24.9 | ----- | 40.0     | 29.0 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 22              | 27.3                | 11.6 | ----- | 27.3    | 19.7 | ----- | 27.3     | 25.2 | ----- |
| Transient Cerebral Ischemia.....           | 8               | 0.0                 | 1.5  | ----- | 0.0     | 3.5  | ----- | 0.0      | 5.8  | ----- |
| Stroke.....                                | 54              | 29.6                | 19.0 | 8.7   | 31.5    | 24.4 | 9.5   | 37.0     | 28.1 | 10.4  |
| Hip Fracture.....                          | 35              | 14.3                | 6.7  | ----- | 28.6    | 11.6 | ----- | 31.4     | 15.0 | ----- |
| Sepsis.....                                | 22              | 27.3                | 33.2 | ----- | 45.5    | 40.4 | ----- | 50.0     | 44.9 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 13              | 0.0                 | 2.2  | ----- | 0.0     | 4.8  | ----- | 15.4     | 7.4  | ----- |
| Carotid Endarterectomy.....                | 2               | 0.0                 | 1.1  | ----- | 0.0     | 2.2  | ----- | 0.0      | 3.5  | ----- |
| Hip Replacement/Reconstruction.....        | 24              | 8.3                 | 2.9  | ----- | 12.5    | 5.6  | ----- | 12.5     | 7.7  | ----- |
| Open Reduction of Hip Fracture.....        | 17              | 17.6                | 5.6  | ----- | 35.3    | 10.0 | ----- | 41.2     | 13.3 | ----- |
| Prostatectomy.....                         | 16              | 0.0                 | 1.1  | ----- | 0.0     | 2.9  | ----- | 6.3      | 4.9  | ----- |
| Cholecystectomy.....                       | 20              | 5.0                 | 1.7  | ----- | 10.0    | 3.2  | ----- | 10.0     | 4.5  | ----- |
| Hysterectomy.....                          | 6               | 0.0                 | 0.2  | ----- | 0.0     | 0.5  | ----- | 0.0      | 0.9  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# SUTTER SOLANO MEDICAL CENTER

Medicare Provider Number: 050101

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 75.3 years

Proportion female..... 61.6 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 35.9 %

Transferred from skilled nursing facility..... 5.0 %

Admitted for elective procedure..... 15.0 %

Admitted for emergency..... 28.8 %

### COMORBIDITIES:

Cancer..... 8.7 %

Chronic cardiovascular disease..... 29.0 %

Chronic liver disease..... 1.4 %

Chronic renal disease..... 5.3 %

Chronic pulmonary disease..... 10.7 %

Cerebrovascular degeneration..... 4.7 %

Diabetes mellitus..... 8.2 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 84.3%

State ..... 14.6%

Outside State ..... 1.1%

Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 5.9 Days

State ..... 7.1 Days

National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 108

Occupancy Rate ..... 41.0 %

Ownership/Control..... Private, Non-Profit

Medicare Discharges ..... 51.5 %

Case Mix Index (CMI) ..... 1.3263

### STAFFING:

Total Number of Physicians..... 70

Percent of Physicians Board  
Certified Specialists ..... 75.7 %

Medical Residents/Interns ..... 0

Registered Nurses..... 60

Licensed Practical Nurses ..... 9

### SPECIALTY SERVICES:

Burn Unit ..... No

Cardiac Intensive Care ..... No

Comprehensive Geriatric ..... No

Hospice Care ..... No

Medical/Surgical Intensive Care ..... Yes

Organ/Tissue Transplant ..... No

Other Intensive Care ..... No

Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No

Rehabilitation ..... No

Psychiatric ..... No

Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# TAHOE FOREST HOSPITAL DISTRICT

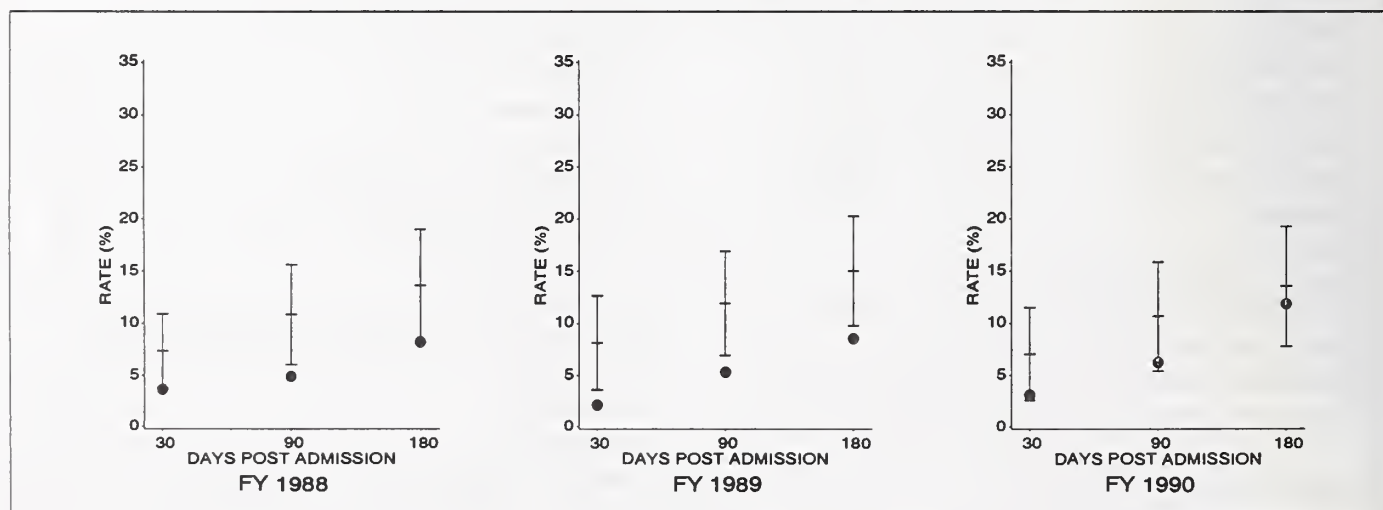
TAHOE DR & PINE ST  
TRUCKEE, CA 95734  
Medicare Provider Number: 050494

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 289             | 3.1                 | 7.0  | 2.2   | 6.2     | 10.6 | 2.6   | 11.8     | 13.5 | 2.9   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 13              | 7.7                 | 18.2 | ----- | 15.4    | 20.8 | ----- | 15.4     | 23.3 | ----- |
| Congestive Heart Failure.....              | 13              | 0.0                 | 13.0 | ----- | 0.0     | 21.0 | ----- | 15.4     | 27.1 | ----- |
| Pneumonia/Influenza.....                   | 24              | 4.2                 | 13.8 | ----- | 4.2     | 18.6 | ----- | 12.5     | 21.8 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 3               | 0.0                 | 10.8 | ----- | 0.0     | 19.0 | ----- | 0.0      | 23.9 | ----- |
| Transient Cerebral Ischemia.....           | 7               | 0.0                 | 1.5  | ----- | 0.0     | 3.3  | ----- | 0.0      | 5.1  | ----- |
| Stroke.....                                | 5               | 20.0                | 17.4 | ----- | 40.0    | 24.6 | ----- | 40.0     | 28.8 | ----- |
| Hip Fracture.....                          | 7               | 0.0                 | 7.8  | ----- | 14.3    | 14.5 | ----- | 14.3     | 19.3 | ----- |
| Sepsis.....                                | 1               | 0.0                 | 12.8 | ----- | 0.0     | 17.5 | ----- | 0.0      | 22.1 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 3               | 0.0                 | 3.4  | ----- | 0.0     | 6.6  | ----- | 0.0      | 9.0  | ----- |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 3               | 0.0                 | 2.6  | ----- | 0.0     | 4.9  | ----- | 0.0      | 6.3  | ----- |
| Open Reduction of Hip Fracture.....        | 5               | 0.0                 | 7.4  | ----- | 20.0    | 14.8 | ----- | 20.0     | 20.3 | ----- |
| Prostatectomy.....                         | 1               | 0.0                 | 0.2  | ----- | 0.0     | 0.6  | ----- | 0.0      | 1.0  | ----- |
| Cholecystectomy.....                       | 5               | 0.0                 | 1.9  | ----- | 0.0     | 3.3  | ----- | 0.0      | 4.4  | ----- |
| Hysterectomy.....                          | 2               | 0.0                 | 0.5  | ----- | 0.0     | 0.8  | ----- | 0.0      | 1.2  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# TAHOE FOREST HOSPITAL DISTRICT

Medicare Provider Number: 050494

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 72.1 years |
| Proportion female.....        | 49.1 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 28.0 % |
| Transferred from skilled nursing facility..... | 0.3 %  |
| Admitted for elective procedure.....           | 5.2 %  |
| Admitted for emergency.....                    | 46.0 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 5.9 %  |
| Chronic cardiovascular disease..... | 37.4 % |
| Chronic liver disease.....          | 1.0 %  |
| Chronic renal disease.....          | 1.4 %  |
| Chronic pulmonary disease.....      | 18.0 % |
| Cerebrovascular degeneration.....   | 1.4 %  |
| Diabetes mellitus.....              | 4.2 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                    |        |
|--------------------|--------|
| County/City.....   | 30.3%  |
| State.....         | 56.0%  |
| Outside State..... | 13.7%  |
| Total.....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|               |          |
|---------------|----------|
| Hospital..... | 5.4 Days |
| State.....    | 7.1 Days |
| National..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                           |                    |
|---------------------------|--------------------|
| Total Beds.....           | 72                 |
| Occupancy Rate.....       | 67.0 %             |
| Ownership/Control.....    | District/Authority |
| Medicare Discharges.....  | (Not Available)    |
| Case Mix Index (CMI)..... | 1.0673             |

### STAFFING:

|                                                           |        |
|-----------------------------------------------------------|--------|
| Total Number of Physicians.....                           | 36     |
| Percent of Physicians Board<br>Certified Specialists..... | 58.3 % |
| Medical Residents/Interns.....                            | 0      |
| Registered Nurses.....                                    | 72     |
| Licensed Practical Nurses.....                            | 8      |

### SPECIALTY SERVICES:

|                                      |     |
|--------------------------------------|-----|
| Burn Unit.....                       | No  |
| Cardiac Intensive Care.....          | No  |
| Comprehensive Geriatric.....         | Yes |
| Hospice Care.....                    | Yes |
| Medical/Surgical Intensive Care..... | Yes |
| Organ/Tissue Transplant.....         | No  |
| Other Intensive Care.....            | No  |
| Trauma Center.....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                          |     |
|--------------------------|-----|
| Alcohol/Drug.....        | No  |
| Rehabilitation.....      | No  |
| Psychiatric.....         | No  |
| Medicare Swing Beds..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# TRACY COMMUNITY MEMORIAL HOSPITAL

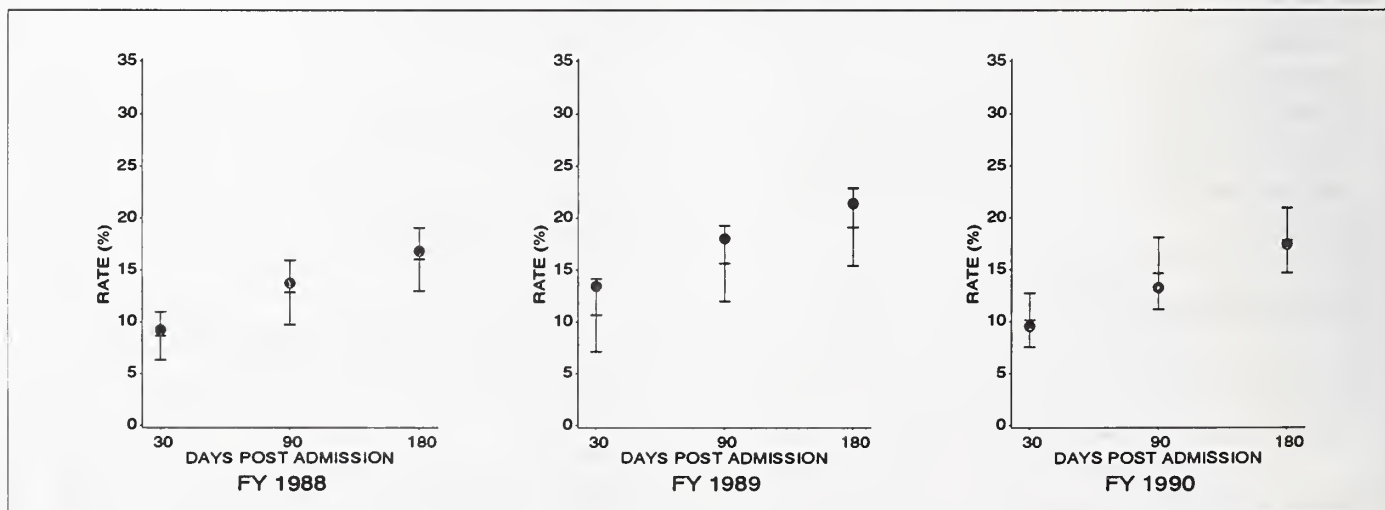
1420 N TRACY BLVD  
TRACY, CA 95376  
Medicare Provider Number: 050313

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 599             | 9.5                 | 10.1 | 1.3   | 13.2    | 14.6 | 1.7   | 17.4     | 17.8 | 1.6   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 24              | 50.0                | 30.5 | ----- | 50.0    | 33.7 | ----- | 54.2     | 36.4 | ----- |
| Congestive Heart Failure.....              | 36              | 13.9                | 16.6 | ----- | 19.4    | 25.9 | ----- | 27.8     | 32.0 | ----- |
| Pneumonia/Influenza.....                   | 26              | 3.8                 | 12.3 | ----- | 3.8     | 16.8 | ----- | 7.7      | 20.0 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 13              | 7.7                 | 6.4  | ----- | 7.7     | 10.5 | ----- | 7.7      | 13.8 | ----- |
| Transient Cerebral Ischemia.....           | 14              | 0.0                 | 1.9  | ----- | 0.0     | 4.3  | ----- | 7.1      | 7.1  | ----- |
| Stroke.....                                | 24              | 16.7                | 21.6 | ----- | 25.0    | 26.2 | ----- | 29.2     | 29.4 | ----- |
| Hip Fracture.....                          | 17              | 5.9                 | 5.9  | ----- | 5.9     | 10.8 | ----- | 11.8     | 14.3 | ----- |
| Sepsis.....                                | 12              | 8.3                 | 23.3 | ----- | 8.3     | 31.0 | ----- | 8.3      | 36.4 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 5               | 0.0                 | 3.1  | ----- | 20.0    | 6.6  | ----- | 20.0     | 9.4  | ----- |
| Carotid Endarterectomy.....                | 1               | 0.0                 | 2.1  | ----- | 0.0     | 3.4  | ----- | 100.0    | 4.3  | ----- |
| Hip Replacement/Reconstruction.....        | 12              | 8.3                 | 3.5  | ----- | 16.7    | 6.4  | ----- | 16.7     | 8.5  | ----- |
| Open Reduction of Hip Fracture.....        | 7               | 0.0                 | 4.5  | ----- | 0.0     | 8.8  | ----- | 14.3     | 12.1 | ----- |
| Prostatectomy.....                         | 16              | 0.0                 | 0.6  | ----- | 0.0     | 1.5  | ----- | 0.0      | 2.6  | ----- |
| Cholecystectomy.....                       | 28              | 7.1                 | 3.0  | ----- | 10.7    | 5.6  | ----- | 10.7     | 7.4  | ----- |
| Hysterectomy.....                          | 5               | 0.0                 | 0.9  | ----- | 0.0     | 1.4  | ----- | 20.0     | 2.0  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# TRACY COMMUNITY MEMORIAL HOSPITAL

Medicare Provider Number: 050313

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 75.6 years  
Proportion female..... 61.8 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 51.1 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 0.0 %  
Admitted for emergency..... 48.6 %

### COMORBIDITIES:

Cancer..... 4.8 %  
Chronic cardiovascular disease..... 39.6 %  
Chronic liver disease..... 2.7 %  
Chronic renal disease..... 2.3 %  
Chronic pulmonary disease..... 15.0 %  
Cerebrovascular degeneration..... 2.7 %  
Diabetes mellitus..... 7.2 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 88.7%  
State ..... 9.2%  
Outside State ..... 2.1%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 5.4 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 59  
Occupancy Rate ..... 49.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 34.7 %  
Case Mix Index (CMI) ..... 1.1906

### STAFFING:

Total Number of Physicians..... 50  
Percent of Physicians Board  
Certified Specialists .....(Not Available)  
Medical Residents/Interns ..... 0  
Registered Nurses ..... 77  
Licensed Practical Nurses ..... 10

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... Yes  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... No  
Organ/Tissue Transplant ..... Yes  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# TRINITY GENERAL HOSPITAL

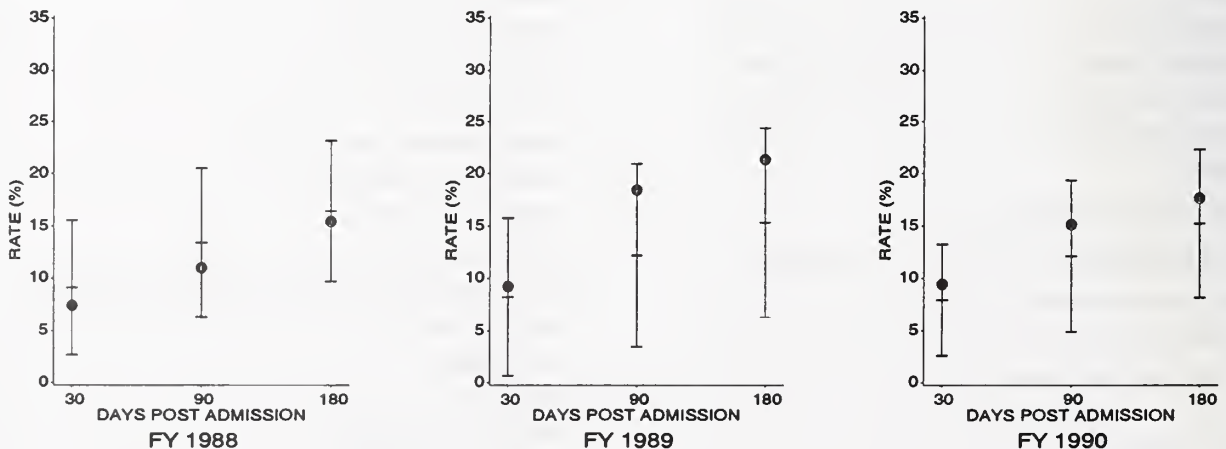
NORTH TAYLOR ST  
WEAVERVILLE, CA 96093  
Medicare Provider Number: 050392

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 159             | 9.4                 | 7.9  | 2.7   | 15.1    | 12.1 | 3.6   | 17.6     | 15.2 | 3.5   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 2               | 50.0                | 19.5 | ----- | 50.0    | 22.7 | ----- | 50.0     | 26.6 | ----- |
| Congestive Heart Failure.....              | 4               | 50.0                | 14.7 | ----- | 50.0    | 22.8 | ----- | 50.0     | 29.3 | ----- |
| Pneumonia/Influenza.....                   | 9               | 11.1                | 19.4 | ----- | 22.2    | 26.3 | ----- | 22.2     | 30.5 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 3               | 0.0                 | 8.1  | ----- | 0.0     | 13.1 | ----- | 0.0      | 16.5 | ----- |
| Transient Cerebral Ischemia.....           | 2               | 0.0                 | 1.0  | ----- | 0.0     | 2.2  | ----- | 0.0      | 3.2  | ----- |
| Stroke.....                                | 3               | 0.0                 | 13.5 | ----- | 0.0     | 16.4 | ----- | 0.0      | 18.6 | ----- |
| Hip Fracture.....                          | 0               |                     |      |       |         |      |       |          |      |       |
| Sepsis.....                                | 0               |                     |      |       |         |      |       |          |      |       |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 0               |                     |      |       |         |      |       |          |      |       |
| Open Reduction of Hip Fracture.....        | 0               |                     |      |       |         |      |       |          |      |       |
| Prostatectomy.....                         | 0               |                     |      |       |         |      |       |          |      |       |
| Cholecystectomy.....                       | 3               | 0.0                 | 2.2  | ----- | 0.0     | 3.8  | ----- | 0.0      | 4.9  | ----- |
| Hysterectomy.....                          | 0               |                     |      |       |         |      |       |          |      |       |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# TRINITY GENERAL HOSPITAL

Medicare Provider Number: 050392

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 73.1 years  
Proportion female..... 59.7 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 15.7 %  
Transferred from skilled nursing facility..... 1.3 %  
Admitted for elective procedure..... 0.0 %  
Admitted for emergency..... 82.4 %

### COMORBIDITIES:

Cancer..... 4.4 %  
Chronic cardiovascular disease..... 19.5 %  
Chronic liver disease..... 0.0 %  
Chronic renal disease..... 3.8 %  
Chronic pulmonary disease..... 10.7 %  
Cerebrovascular degeneration..... 5.7 %  
Diabetes mellitus..... 0.6 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 87.3%  
State ..... 10.4%  
Outside State ..... 2.3%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 3.9 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 65  
Ownership/Control..... Local Government  
Case Mix Index (CMI) ..... 0.8513

### STAFFING:

Medical Residents/Interns ..... 0  
Registered Nurses..... 19  
Licensed Practical Nurses ..... 2

### SPECIALTY SERVICES:

Burn Unit ..... No  
Coronary Care Unit ..... No  
Hospice Care ..... No  
Intensive Care Unit ..... No  
Organ Transplant ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation ..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# TULARE DISTRICT HOSPITAL

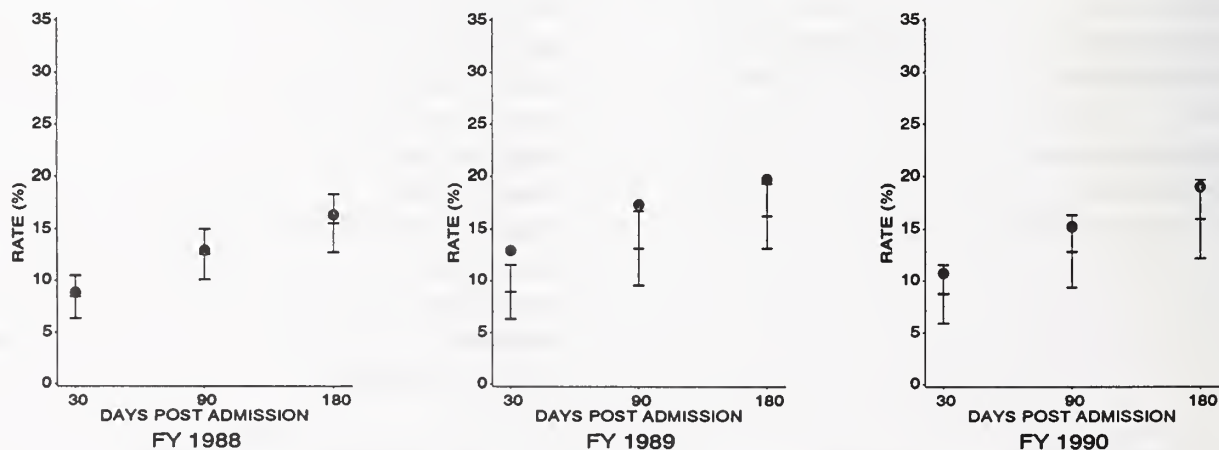
869 CHERRY AVE  
TULARE, CA 93274  
Medicare Provider Number: 050359

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 823             | 10.7                | 8.7  | 1.4   | 15.2    | 12.8 | 1.8   | 19.0     | 15.9 | 1.9   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 31              | 38.7                | 22.9 | ----- | 38.7    | 26.1 | ----- | 45.2     | 29.1 | ----- |
| Congestive Heart Failure.....              | 52              | 17.3                | 15.5 | 5.6   | 28.8    | 23.9 | 7.8   | 34.6     | 30.0 | 8.2   |
| Pneumonia/Influenza.....                   | 66              | 16.7                | 12.9 | 6.2   | 21.2    | 17.7 | 5.8   | 27.3     | 20.7 | 7.4   |
| Chronic Obstructive Pulmonary Disease..... | 9               | 0.0                 | 7.4  | ----- | 11.1    | 11.9 | ----- | 11.1     | 15.4 | ----- |
| Transient Cerebral Ischemia.....           | 7               | 0.0                 | 1.1  | ----- | 0.0     | 2.6  | ----- | 0.0      | 4.5  | ----- |
| Stroke.....                                | 38              | 21.1                | 20.1 | ----- | 34.2    | 25.9 | ----- | 34.2     | 29.7 | ----- |
| Hip Fracture.....                          | 26              | 11.5                | 6.2  | ----- | 15.4    | 11.0 | ----- | 30.8     | 14.3 | ----- |
| Sepsis.....                                | 4               | 25.0                | 25.4 | ----- | 25.0    | 33.3 | ----- | 25.0     | 38.1 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 14              | 14.3                | 5.9  | ----- | 21.4    | 10.7 | ----- | 28.6     | 14.0 | ----- |
| Open Reduction of Hip Fracture.....        | 13              | 7.7                 | 5.0  | ----- | 7.7     | 9.2  | ----- | 30.8     | 12.4 | ----- |
| Prostatectomy.....                         | 38              | 0.0                 | 0.7  | ----- | 5.3     | 1.6  | ----- | 5.3      | 2.8  | ----- |
| Cholecystectomy.....                       | 18              | 0.0                 | 1.6  | ----- | 0.0     | 3.0  | ----- | 5.6      | 4.1  | ----- |
| Hysterectomy.....                          | 6               | 0.0                 | 0.1  | ----- | 0.0     | 0.3  | ----- | 16.7     | 0.5  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# TULARE DISTRICT HOSPITAL

Medicare Provider Number: 050359

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 74.3 years  
Proportion female..... 54.3 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 49.1 %  
Transferred from skilled nursing facility..... 0.9 %  
Admitted for elective procedure..... 27.5 %  
Admitted for emergency..... 28.8 %

### COMORBIDITIES:

Cancer..... 4.7 %  
Chronic cardiovascular disease..... 43.5 %  
Chronic liver disease..... 0.6 %  
Chronic renal disease..... 2.6 %  
Chronic pulmonary disease..... 17.6 %  
Cerebrovascular degeneration..... 3.6 %  
Diabetes mellitus..... 14.8 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 93.8%  
State ..... 5.6%  
Outside State ..... 0.6%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 5.9 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 86  
Occupancy Rate ..... 53.0 %  
Ownership/Control..... District/Authority  
Medicare Discharges ..... 33.5 %  
Case Mix Index (CMI) ..... 1.0780

### STAFFING:

Total Number of Physicians..... 57  
Percent of Physicians Board  
Certified Specialists ..... 52.6 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 97  
Licensed Practical Nurses ..... 23

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# TUOLUMNE GENERAL HOSPITAL

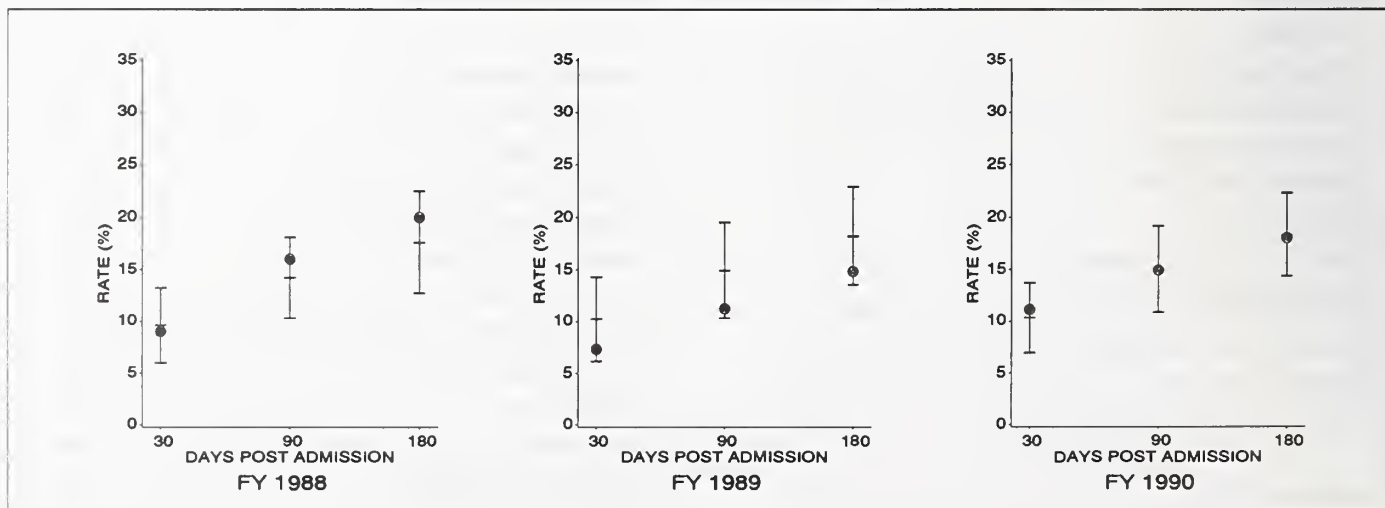
101 E HOSP RD  
SONORA, CA 95370  
Medicare Provider Number: 050325

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 388                | 11.1                | 10.3 | 1.7   | 14.9    | 15.0 | 2.1   | 18.0     | 18.3 | 2.0   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 17                 | 29.4                | 21.9 | ----- | 41.2    | 24.5 | ----- | 52.9     | 26.9 | ----- |
| Congestive Heart Failure.....              | 19                 | 15.8                | 15.8 | ----- | 26.3    | 25.7 | ----- | 26.3     | 32.5 | ----- |
| Pneumonia/Influenza.....                   | 30                 | 6.7                 | 14.2 | ----- | 13.3    | 19.6 | ----- | 13.3     | 23.3 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 2                  | 0.0                 | 9.8  | ----- | 0.0     | 16.8 | ----- | 0.0      | 22.6 | ----- |
| Transient Cerebral Ischemia.....           | 4                  | 0.0                 | 1.8  | ----- | 0.0     | 3.8  | ----- | 0.0      | 5.9  | ----- |
| Stroke.....                                | 14                 | 14.3                | 20.5 | ----- | 28.6    | 28.0 | ----- | 28.6     | 32.5 | ----- |
| Hip Fracture.....                          | 8                  | 0.0                 | 7.0  | ----- | 0.0     | 11.4 | ----- | 0.0      | 14.0 | ----- |
| Sepsis.....                                | 3                  | 33.3                | 27.7 | ----- | 33.3    | 32.9 | ----- | 33.3     | 36.3 | ----- |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0                  |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 15                 | 0.0                 | 0.9  | ----- | 0.0     | 1.5  | ----- | 0.0      | 2.1  | ----- |
| Open Reduction of Hip Fracture.....        | 4                  | 0.0                 | 7.6  | ----- | 0.0     | 12.9 | ----- | 0.0      | 15.9 | ----- |
| Prostatectomy.....                         | 19                 | 5.3                 | 1.2  | ----- | 10.5    | 2.8  | ----- | 10.5     | 4.8  | ----- |
| Cholecystectomy.....                       | 8                  | 0.0                 | 2.8  | ----- | 0.0     | 5.5  | ----- | 0.0      | 7.5  | ----- |
| Hysterectomy.....                          | 4                  | 0.0                 | 0.7  | ----- | 0.0     | 1.7  | ----- | 0.0      | 3.0  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# TUOLUMNE GENERAL HOSPITAL

Medicare Provider Number: 050325

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 72.7 years  
Proportion female..... 50.3 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 36.6 %  
Transferred from skilled nursing facility..... 0.8 %  
Admitted for elective procedure..... 19.1 %  
Admitted for emergency..... 54.4 %

### COMORBIDITIES:

Cancer..... 7.0 %  
Chronic cardiovascular disease..... 35.6 %  
Chronic liver disease..... 1.0 %  
Chronic renal disease..... 0.8 %  
Chronic pulmonary disease..... 15.2 %  
Cerebrovascular degeneration..... 5.2 %  
Diabetes mellitus..... 9.5 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 84.9%  
State ..... 13.0%  
Outside State ..... 2.1%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 5.8 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1982

### PROFILE:

Total Beds ..... 80  
Ownership/Control..... Local Government  
Case Mix Index (CMI) ..... 1.2333

### STAFFING:

Medical Residents/Interns ..... 0  
Registered Nurses..... 26  
Licensed Practical Nurses..... 16

### SPECIALTY SERVICES:

Burn Unit ..... No  
Coronary Care Unit ..... Yes  
Hospice Care ..... No  
Intensive Care Unit ..... Yes  
Organ Transplant ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# TWIN CITIES COMMUNITY HOSPITAL

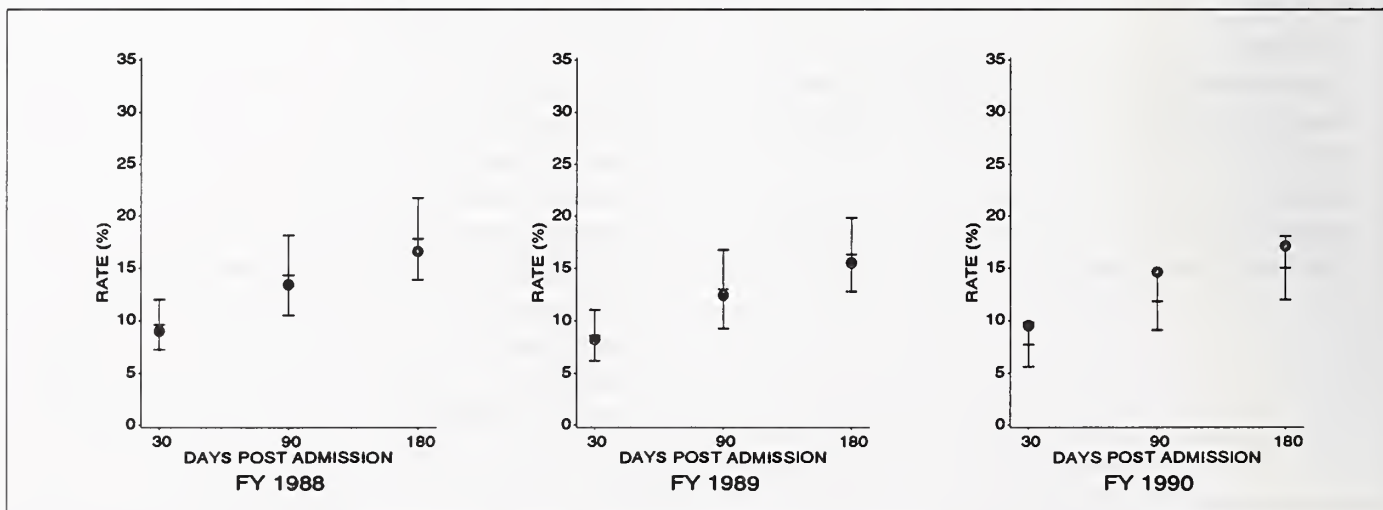
1500 LAS TABLAS ROAD  
TEMPLETON, CA 93465  
Medicare Provider Number: 050633

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1174            | 9.5                 | 7.7  | 1.1   | 14.6    | 11.8 | 1.4   | 17.1     | 15.0 | 1.5   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 33              | 33.3                | 26.8 | ----- | 36.4    | 30.1 | ----- | 42.4     | 33.0 | ----- |
| Congestive Heart Failure.....              | 65              | 13.8                | 15.2 | 4.7   | 29.2    | 23.7 | 7.2   | 33.8     | 30.0 | 7.8   |
| Pneumonia/Influenza.....                   | 66              | 24.2                | 15.2 | 8.0   | 30.3    | 20.9 | 8.7   | 31.8     | 24.7 | 8.0   |
| Chronic Obstructive Pulmonary Disease..... | 25              | 16.0                | 8.7  | ----- | 20.0    | 14.9 | ----- | 24.0     | 19.7 | ----- |
| Transient Cerebral Ischemia.....           | 39              | 2.6                 | 2.0  | ----- | 5.1     | 4.3  | ----- | 12.8     | 6.9  | ----- |
| Stroke.....                                | 36              | 22.2                | 18.3 | ----- | 33.3    | 25.5 | ----- | 36.1     | 29.6 | ----- |
| Hip Fracture.....                          | 32              | 3.1                 | 6.9  | ----- | 9.4     | 11.6 | ----- | 15.6     | 15.0 | ----- |
| Sepsis.....                                | 14              | 21.4                | 21.6 | ----- | 35.7    | 26.4 | ----- | 42.9     | 30.6 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 8               | 12.5                | 5.1  | ----- | 12.5    | 8.8  | ----- | 25.0     | 11.6 | ----- |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 29              | 3.4                 | 3.8  | ----- | 10.3    | 6.9  | ----- | 13.8     | 9.0  | ----- |
| Open Reduction of Hip Fracture.....        | 16              | 0.0                 | 6.6  | ----- | 6.3     | 11.7 | ----- | 12.5     | 15.3 | ----- |
| Prostatectomy.....                         | 68              | 0.0                 | 0.6  | 1.0   | 0.0     | 1.5  | 1.8   | 0.0      | 2.6  | 2.6   |
| Cholecystectomy.....                       | 22              | 0.0                 | 3.6  | ----- | 4.5     | 6.1  | ----- | 4.5      | 7.6  | ----- |
| Hysterectomy.....                          | 13              | 0.0                 | 0.2  | ----- | 0.0     | 0.4  | ----- | 0.0      | 0.7  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# TWIN CITIES COMMUNITY HOSPITAL

Medicare Provider Number: 050633

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 75.0 years  
Proportion female..... 53.2 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 45.7 %  
Transferred from skilled nursing facility..... 0.1 %  
Admitted for elective procedure..... 30.7 %  
Admitted for emergency..... 11.8 %

### COMORBIDITIES:

Cancer..... 7.0 %  
Chronic cardiovascular disease..... 48.6 %  
Chronic liver disease..... 1.4 %  
Chronic renal disease..... 1.4 %  
Chronic pulmonary disease..... 30.4 %  
Cerebrovascular degeneration..... 2.4 %  
Diabetes mellitus..... 7.8 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 90.1 %  
State ..... 7.9 %  
Outside State ..... 2.0 %  
Total ..... 100.0 %

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 6.2 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 84  
Occupancy Rate ..... 58.0 %  
Ownership/Control..... Private, For Profit  
Medicare Discharges ..... 42.9 %  
Case Mix Index (CMI) ..... 1.1970

### STAFFING:

Total Number of Physicians..... 67  
Percent of Physicians Board  
Certified Specialists ..... 91.0 %  
Medical Residents/Interns ..... 0  
Registered Nurses ..... 97  
Licensed Practical Nurses ..... 13

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac intensive Care ..... No  
Comprehensive Geriatric ..... Yes  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation ..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# UKIAH VALLEY MEDICAL CENTER

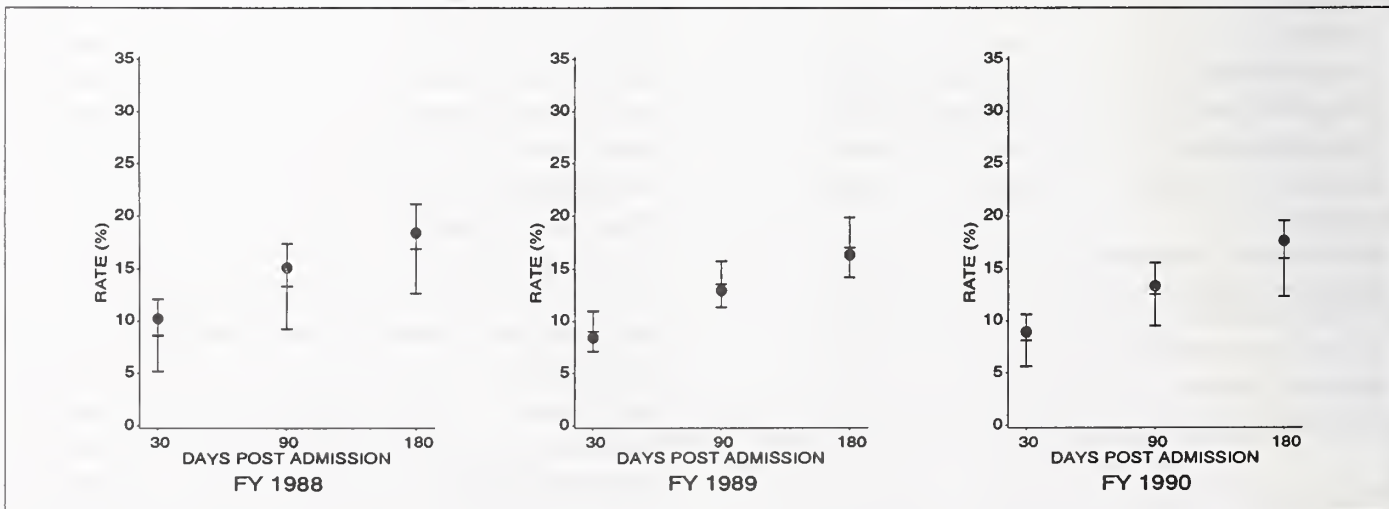
275 HOSPITAL DRIVE  
UKIAH, CA 95482  
Medicare Provider Number: 050301

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1129            | 8.9                 | 8.1  | 1.2   | 13.3    | 12.5 | 1.5   | 17.6     | 15.9 | 1.8   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 31              | 25.8                | 26.7 | ----- | 29.0    | 29.5 | ----- | 32.3     | 32.2 | ----- |
| Congestive Heart Failure.....              | 66              | 13.6                | 13.6 | 4.3   | 22.7    | 21.6 | 5.2   | 25.8     | 27.5 | 5.9   |
| Pneumonia/Influenza.....                   | 67              | 10.4                | 14.8 | 6.3   | 16.4    | 20.9 | 7.6   | 23.9     | 24.9 | 6.7   |
| Chronic Obstructive Pulmonary Disease..... | 16              | 6.3                 | 7.6  | ----- | 31.3    | 14.0 | ----- | 31.3     | 18.4 | ----- |
| Transient Cerebral Ischemia.....           | 14              | 0.0                 | 2.8  | ----- | 0.0     | 6.1  | ----- | 21.4     | 9.7  | ----- |
| Stroke.....                                | 30              | 16.7                | 16.6 | ----- | 16.7    | 22.1 | ----- | 23.3     | 25.8 | ----- |
| Hip Fracture.....                          | 32              | 3.1                 | 5.6  | ----- | 6.3     | 10.3 | ----- | 6.3      | 13.5 | ----- |
| Sepsis.....                                | 17              | 5.9                 | 20.2 | ----- | 17.6    | 28.5 | ----- | 17.6     | 32.6 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 1               | 100.0               | 3.4  | ----- | 100.0   | 5.9  | ----- | 100.0    | 6.8  | ----- |
| Initial Pacemaker Insertion.....           | 13              | 0.0                 | 4.7  | ----- | 0.0     | 8.3  | ----- | 7.7      | 11.4 | ----- |
| Carotid Endarterectomy.....                | 5               | 0.0                 | 1.1  | ----- | 0.0     | 2.1  | ----- | 0.0      | 3.2  | ----- |
| Hip Replacement/Reconstruction.....        | 32              | 0.0                 | 2.1  | ----- | 0.0     | 3.9  | ----- | 0.0      | 5.3  | ----- |
| Open Reduction of Hip Fracture.....        | 22              | 4.5                 | 4.2  | ----- | 9.1     | 8.1  | ----- | 9.1      | 11.2 | ----- |
| Prostatectomy.....                         | 70              | 0.0                 | 0.6  | 1.4   | 1.4     | 1.6  | 2.0   | 2.9      | 2.8  | 2.9   |
| Cholecystectomy.....                       | 23              | 4.3                 | 1.9  | ----- | 13.0    | 4.2  | ----- | 13.0     | 6.3  | ----- |
| Hysterectomy.....                          | 9               | 0.0                 | 0.4  | ----- | 0.0     | 0.9  | ----- | 0.0      | 1.5  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# UKIAH VALLEY MEDICAL CENTER

Medicare Provider Number: 050301

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 74.5 years |
| Proportion female.....        | 53.8 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 50.7 % |
| Transferred from skilled nursing facility..... | 1.0 %  |
| Admitted for elective procedure.....           | 44.0 % |
| Admitted for emergency.....                    | 23.1 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 8.3 %  |
| Chronic cardiovascular disease..... | 33.4 % |
| Chronic liver disease.....          | 0.7 %  |
| Chronic renal disease.....          | 2.8 %  |
| Chronic pulmonary disease.....      | 17.3 % |
| Cerebrovascular degeneration.....   | 2.8 %  |
| Diabetes mellitus.....              | 5.9 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 87.3%  |
| State .....         | 11.8%  |
| Outside State ..... | 0.9%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 5.6 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1989

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 43                  |
| Ownership/Control.....     | Private, Non-Profit |
| Case Mix Index (CMI) ..... | 1.2188              |

### STAFFING:

|                                 |    |
|---------------------------------|----|
| Medical Residents/Interns ..... | 0  |
| Registered Nurses.....          | 83 |
| Licensed Practical Nurses ..... | 25 |

### SPECIALTY SERVICES:

|                           |     |
|---------------------------|-----|
| Burn Unit .....           | No  |
| Coronary Care Unit .....  | Yes |
| Hospice Care .....        | No  |
| Intensive Care Unit ..... | Yes |
| Organ Transplant .....    | No  |
| Trauma Center .....       | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |    |
|---------------------------|----|
| Alcohol/Drug .....        | No |
| Rehabilitation .....      | No |
| Psychiatric .....         | No |
| Medicare Swing Beds ..... | No |

\*\* Except for CMI

\* Not used in calculating mortality rates

# UNIV OF CALIFORNIA DAVIS MEDICAL CENTER

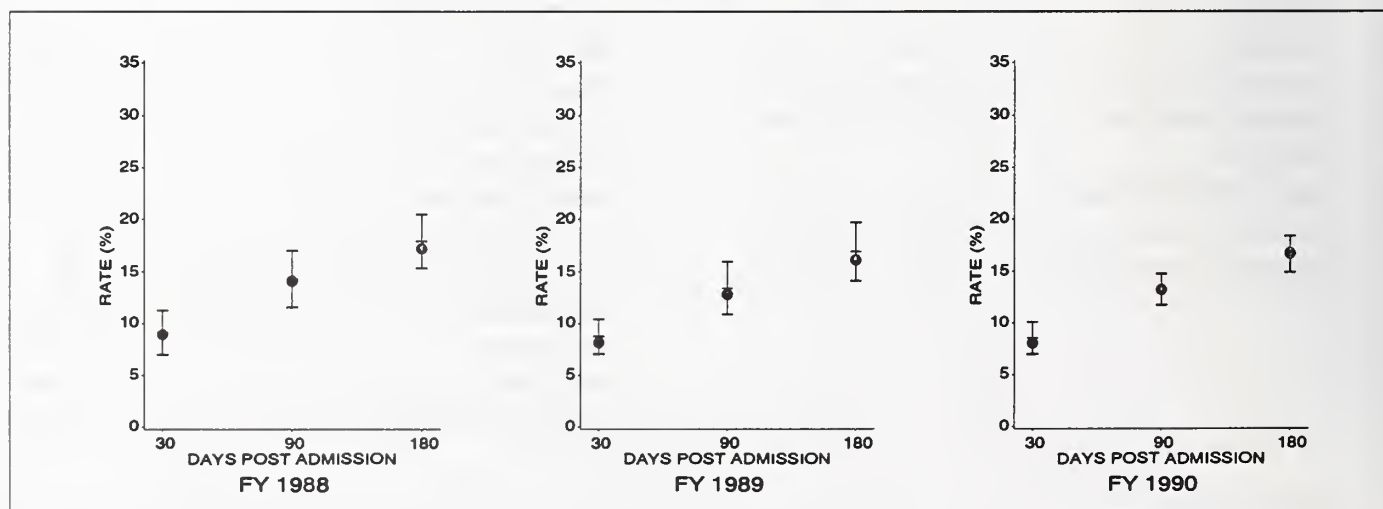
2315 STOCKTON BLVD  
SACRAMENTO, CA 95817  
Medicare Provider Number: 050599

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 2032            | 8.0                 | 8.5  | 0.8   | 13.2    | 13.2 | 0.8   | 16.7     | 16.6 | 0.9   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 44              | 18.2                | 20.3 | ----- | 29.5    | 23.2 | ----- | 36.4     | 26.0 | ----- |
| Congestive Heart Failure.....              | 51              | 15.7                | 14.5 | 5.7   | 23.5    | 23.1 | 6.4   | 27.5     | 29.5 | 6.6   |
| Pneumonia/Influenza.....                   | 64              | 12.5                | 13.1 | 4.2   | 14.1    | 19.0 | 5.5   | 18.8     | 22.6 | 5.6   |
| Chronic Obstructive Pulmonary Disease..... | 39              | 12.8                | 7.1  | ----- | 17.9    | 13.0 | ----- | 23.1     | 17.6 | ----- |
| Transient Cerebral Ischemia.....           | 11              | 0.0                 | 1.1  | ----- | 0.0     | 2.8  | ----- | 9.1      | 4.7  | ----- |
| Stroke.....                                | 47              | 25.5                | 21.3 | ----- | 34.0    | 27.1 | ----- | 38.3     | 30.5 | ----- |
| Hip Fracture.....                          | 16              | 6.3                 | 4.6  | ----- | 6.3     | 7.9  | ----- | 6.3      | 10.3 | ----- |
| Sepsis.....                                | 15              | 20.0                | 14.5 | ----- | 20.0    | 19.2 | ----- | 20.0     | 22.2 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 10              | 0.0                 | 2.8  | ----- | 0.0     | 4.1  | ----- | 0.0      | 5.6  | ----- |
| Coronary Artery Bypass Graft.....          | 32              | 6.3                 | 7.3  | ----- | 9.4     | 10.7 | ----- | 12.5     | 12.3 | ----- |
| Initial Pacemaker Insertion.....           | 14              | 0.0                 | 3.6  | ----- | 14.3    | 7.7  | ----- | 21.4     | 11.2 | ----- |
| Carotid Endarterectomy.....                | 3               | 0.0                 | 1.8  | ----- | 0.0     | 3.5  | ----- | 0.0      | 5.1  | ----- |
| Hip Replacement/Reconstruction.....        | 14              | 0.0                 | 2.1  | ----- | 0.0     | 4.2  | ----- | 0.0      | 6.1  | ----- |
| Open Reduction of Hip Fracture.....        | 8               | 12.5                | 3.8  | ----- | 12.5    | 6.8  | ----- | 12.5     | 9.0  | ----- |
| Prostatectomy.....                         | 15              | 0.0                 | 1.2  | ----- | 0.0     | 2.9  | ----- | 0.0      | 4.8  | ----- |
| Cholecystectomy.....                       | 16              | 0.0                 | 1.2  | ----- | 0.0     | 2.2  | ----- | 6.3      | 2.9  | ----- |
| Hysterectomy.....                          | 16              | 0.0                 | 0.5  | ----- | 6.3     | 1.3  | ----- | 6.3      | 2.3  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# UNIV OF CALIFORNIA DAVIS MEDICAL CENTER

Medicare Provider Number: 050599

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 65.8 years |
| Proportion female.....        | 43.5 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 13.4 % |
| Transferred from skilled nursing facility..... | 0.1 %  |
| Admitted for elective procedure.....           | 17.9 % |
| Admitted for emergency.....                    | 58.8 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 8.8 %  |
| Chronic cardiovascular disease..... | 26.5 % |
| Chronic liver disease.....          | 1.7 %  |
| Chronic renal disease.....          | 5.3 %  |
| Chronic pulmonary disease.....      | 14.8 % |
| Cerebrovascular degeneration.....   | 5.5 %  |
| Diabetes mellitus.....              | 8.3 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 65.2%  |
| State .....         | 32.4%  |
| Outside State ..... | 2.4%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 8.1 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                  |
|----------------------------|------------------|
| Total Beds .....           | 458              |
| Occupancy Rate .....       | 82.0 %           |
| Ownership/Control.....     | State Government |
| Medicare Discharges .....  | 17.4 %           |
| Case Mix Index (CMI) ..... | 1.5335           |

### STAFFING:

|                                                            |         |
|------------------------------------------------------------|---------|
| Total Number of Physicians.....                            | 331     |
| Percent of Physicians Board<br>Certified Specialists ..... | 100.0 % |
| Medical Residents/Interns .....                            | 360     |
| Registered Nurses.....                                     | 1385    |
| Licensed Practical Nurses .....                            | 92      |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | Yes |
| Cardiac Intensive Care .....          | Yes |
| Comprehensive Geriatric .....         | Yes |
| Hospice Care .....                    | Yes |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | Yes |
| Other Intensive Care .....            | Yes |
| Trauma Center .....                   | Yes |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | Yes |
| Psychiatric .....         | Yes |
| Medicare Swing Beds ..... | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# UNIV OF CALIFORNIA SAN FRANCISCO MED CTR

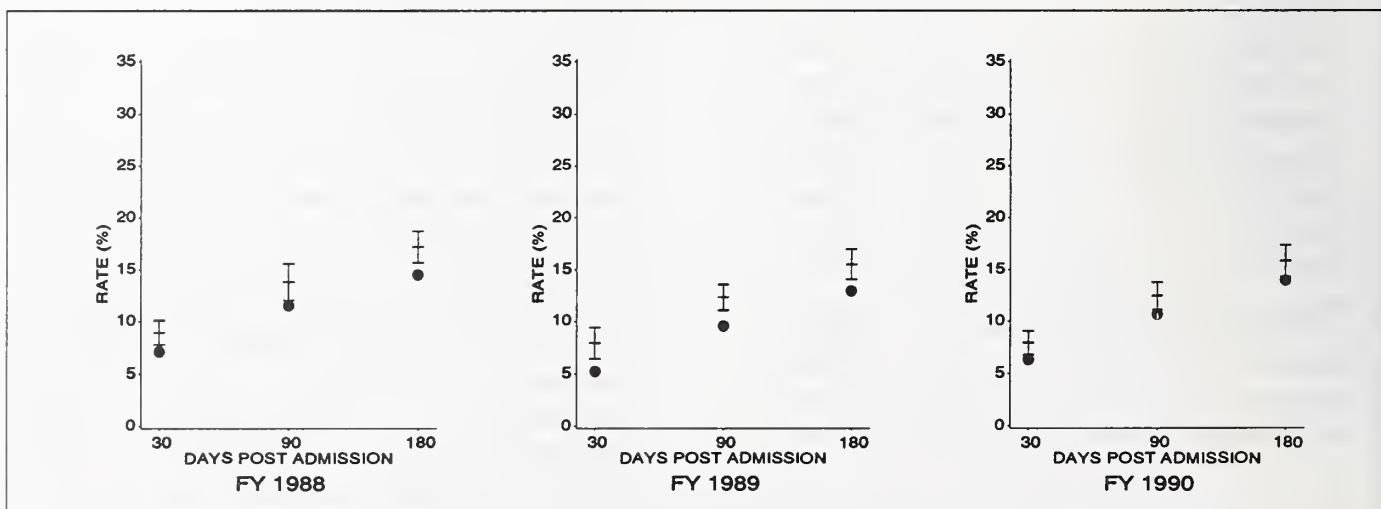
505 PARNASSUS AVE  
SAN FRANCISCO, CA 94143  
Medicare Provider Number: 050454

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 2979            | 6.3                 | 7.9  | 0.6   | 10.6    | 12.4 | 0.7   | 13.9     | 15.8 | 0.8   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 47              | 14.9                | 33.7 | ----- | 25.5    | 36.8 | ----- | 27.7     | 39.8 | ----- |
| Congestive Heart Failure.....              | 69              | 13.0                | 15.8 | 5.3   | 21.7    | 24.8 | 6.6   | 31.9     | 30.8 | 7.5   |
| Pneumonia/Influenza.....                   | 53              | 17.0                | 12.6 | 5.9   | 22.6    | 17.7 | 9.8   | 32.1     | 21.0 | 11.3  |
| Chronic Obstructive Pulmonary Disease..... | 17              | 29.4                | 12.7 | ----- | 35.3    | 20.7 | ----- | 41.2     | 25.9 | ----- |
| Transient Cerebral Ischemia.....           | 16              | 0.0                 | 1.6  | ----- | 0.0     | 3.4  | ----- | 6.3      | 5.5  | ----- |
| Stroke.....                                | 47              | 21.3                | 21.3 | ----- | 31.9    | 27.8 | ----- | 34.0     | 31.3 | ----- |
| Hip Fracture.....                          | 27              | 3.7                 | 6.6  | ----- | 7.4     | 11.7 | ----- | 7.4      | 14.9 | ----- |
| Sepsis.....                                | 15              | 40.0                | 25.5 | ----- | 40.0    | 30.3 | ----- | 46.7     | 33.4 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 44              | 0.0                 | 3.5  | ----- | 2.3     | 5.0  | ----- | 6.8      | 6.3  | ----- |
| Coronary Artery Bypass Graft.....          | 32              | 12.5                | 6.6  | ----- | 15.6    | 8.9  | ----- | 15.6     | 9.8  | ----- |
| Initial Pacemaker Insertion.....           | 37              | 0.0                 | 3.2  | ----- | 2.7     | 6.0  | ----- | 2.7      | 8.6  | ----- |
| Carotid Endarterectomy.....                | 23              | 4.3                 | 1.9  | ----- | 4.3     | 3.8  | ----- | 4.3      | 5.6  | ----- |
| Hip Replacement/Reconstruction.....        | 97              | 1.0                 | 1.6  | 1.3   | 3.1     | 3.0  | 2.4   | 3.1      | 4.2  | 2.8   |
| Open Reduction of Hip Fracture.....        | 13              | 0.0                 | 5.8  | ----- | 7.7     | 10.3 | ----- | 7.7      | 13.4 | ----- |
| Prostatectomy.....                         | 47              | 0.0                 | 0.7  | ----- | 2.1     | 1.6  | ----- | 2.1      | 2.7  | ----- |
| Cholecystectomy.....                       | 22              | 0.0                 | 5.1  | ----- | 4.5     | 11.3 | ----- | 4.5      | 16.8 | ----- |
| Hysterectomy.....                          | 10              | 0.0                 | 2.9  | ----- | 0.0     | 6.1  | ----- | 0.0      | 8.8  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# UNIV OF CALIFORNIA SAN FRANCISCO MED CTR

Medicare Provider Number: 050454

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 66.9 years  
Proportion female..... 49.2 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 54.1 %  
Transferred from skilled nursing facility..... 0.1 %  
Admitted for elective procedure..... 31.8 %  
Admitted for emergency..... 51.3 %

### COMORBIDITIES:

Cancer..... 9.7 %  
Chronic cardiovascular disease..... 25.0 %  
Chronic liver disease..... 1.1 %  
Chronic renal disease..... 6.5 %  
Chronic pulmonary disease..... 8.5 %  
Cerebrovascular degeneration..... 2.6 %  
Diabetes mellitus..... 6.1 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 38.9%  
State ..... 55.7%  
Outside State ..... 5.4%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 8.4 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 560  
Occupancy Rate ..... 75.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 25.5 %  
Case Mix Index (CMI) ..... 1.6180

### STAFFING:

Total Number of Physicians.....1468  
Percent of Physicians Board  
Certified Specialists..... 86.4 %  
Medical Residents/Interns ..... 274  
Registered Nurses.....1112  
Licensed Practical Nurses..... 48

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... Yes  
Comprehensive Geriatric ..... Yes  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... Yes  
Other Intensive Care ..... Yes  
Trauma Center ..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... No  
Rehabilitation..... No  
Psychiatric..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# US NAVAL HOSPITAL

8750 MOUNTAIN BLVD  
OAKLAND, CA 94614  
Medicare Provider Number: 05021F

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 3                  | 0.0                 | 29.3 | ---- | 0.0     | 36.7 | ---- | 0.0      | 40.7 | ---- |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Congestive Heart Failure.....              | 0                  |                     |      |      |         |      |      |          |      |      |
| Pneumonia/Influenza.....                   | 0                  |                     |      |      |         |      |      |          |      |      |
| Chronic Obstructive Pulmonary Disease..... | 0                  |                     |      |      |         |      |      |          |      |      |
| Transient Cerebral Ischemia.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Stroke.....                                | 0                  |                     |      |      |         |      |      |          |      |      |
| Hip Fracture.....                          | 0                  |                     |      |      |         |      |      |          |      |      |
| Sepsis.....                                | 0                  |                     |      |      |         |      |      |          |      |      |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0                  |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0                  |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0                  |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 0                  |                     |      |      |         |      |      |          |      |      |
| Open Reduction of Hip Fracture.....        | 0                  |                     |      |      |         |      |      |          |      |      |
| Prostatectomy.....                         | 0                  |                     |      |      |         |      |      |          |      |      |
| Cholecystectomy.....                       | 0                  |                     |      |      |         |      |      |          |      |      |
| Hysterectomy.....                          | 0                  |                     |      |      |         |      |      |          |      |      |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES

No Graphs are presented when the standard deviation  
was not computed for one or more of the three fiscal years,  
(1988, 1989, or 1990)



# US NAVAL HOSPITAL

Medicare Provider Number: 05021F

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 76.0 years  
 Proportion female..... 33.3 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 0.0 %  
 Transferred from skilled nursing facility..... 0.0 %  
 Admitted for elective procedure..... 0.0 %  
 Admitted for emergency..... 0.0 %

### COMORBIDITIES:

Cancer..... 0.0 %  
 Chronic cardiovascular disease..... 0.0 %  
 Chronic liver disease..... 0.0 %  
 Chronic renal disease..... 0.0 %  
 Chronic pulmonary disease..... 0.0 %  
 Cerebrovascular degeneration..... 0.0 %  
 Diabetes mellitus..... 0.0 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 100.0%  
 State ..... 0.0%  
 Outside State ..... 0.0%  
 Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 2.7 Days  
 State ..... 7.1 Days  
 National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year Unknown

### PROFILE:

Total Beds ..... 750  
 Ownership/Control..... (Not Available)  
 Case Mix Index (CMI) ..... 0.0000

### STAFFING:

Medical Residents/Interns ..... 0  
 Registered Nurses..... 0  
 Licensed Practical Nurses..... 0

### SPECIALTY SERVICES:

Burn Unit ..... Yes  
 Coronary Care Unit ..... Yes  
 Hospice Care ..... Yes  
 Intensive Care Unit ..... Yes  
 Organ Transplant ..... Yes  
 Trauma Center ..... Yes

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... Yes  
 Rehabilitation..... Yes  
 Psychiatric ..... Yes  
 Medicare Swing Beds ..... N/A

\*\* Except for CMI

\* Not used in calculating mortality rates

# VACA VALLEY HOSPITAL

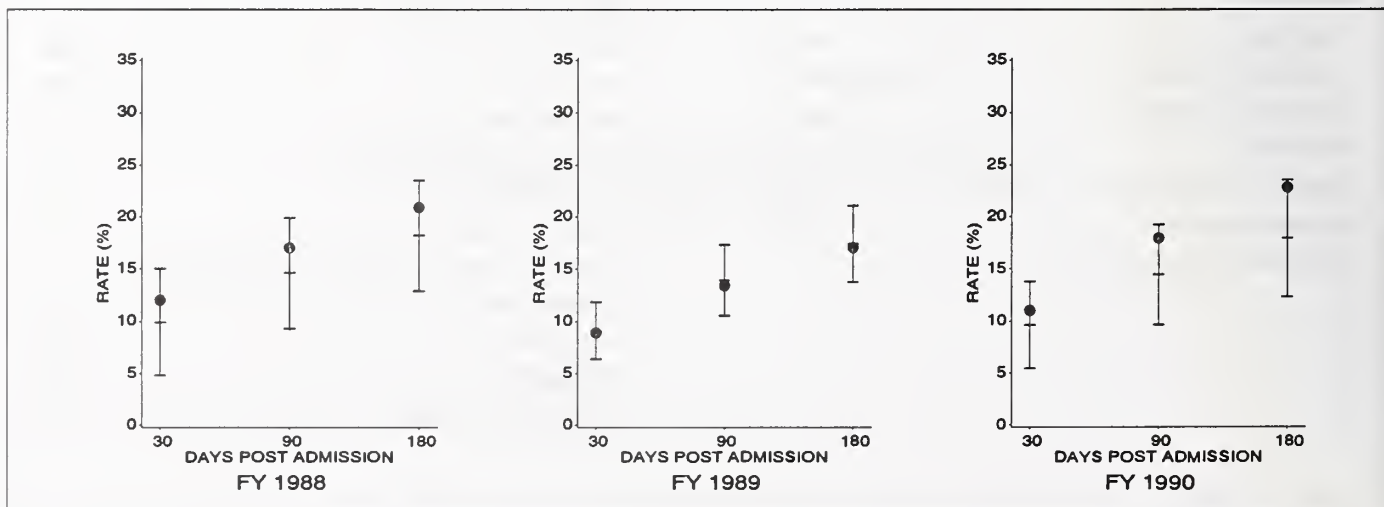
1000 NUT TREE ROAD  
VACAVILLE,, CA 95688  
Medicare Provider Number: 050680

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 464             | 11.0                | 9.6  | 2.1   | 17.9    | 14.4 | 2.4   | 22.8     | 17.9 | 2.8   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 15              | 26.7                | 27.6 | ----- | 40.0    | 30.3 | ----- | 46.7     | 32.8 | ----- |
| Congestive Heart Failure.....              | 27              | 14.8                | 13.8 | ----- | 22.2    | 21.3 | ----- | 22.2     | 27.2 | ----- |
| Pneumonia/Influenza.....                   | 24              | 12.5                | 11.1 | ----- | 25.0    | 15.6 | ----- | 37.5     | 18.8 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 9               | 0.0                 | 5.1  | ----- | 11.1    | 9.4  | ----- | 33.3     | 12.7 | ----- |
| Transient Cerebral Ischemia.....           | 3               | 0.0                 | 1.4  | ----- | 0.0     | 3.2  | ----- | 0.0      | 5.2  | ----- |
| Stroke.....                                | 26              | 26.9                | 21.1 | ----- | 34.6    | 26.7 | ----- | 42.3     | 30.3 | ----- |
| Hip Fracture.....                          | 23              | 4.3                 | 6.7  | ----- | 13.0    | 11.8 | ----- | 17.4     | 15.5 | ----- |
| Sepsis.....                                | 6               | 33.3                | 22.7 | ----- | 50.0    | 29.2 | ----- | 50.0     | 33.1 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 5               | 0.0                 | 3.7  | ----- | 0.0     | 7.1  | ----- | 0.0      | 10.4 | ----- |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 12              | 0.0                 | 6.2  | ----- | 8.3     | 11.3 | ----- | 16.7     | 14.8 | ----- |
| Open Reduction of Hip Fracture.....        | 6               | 0.0                 | 7.0  | ----- | 16.7    | 12.3 | ----- | 16.7     | 16.0 | ----- |
| Prostatectomy.....                         | 14              | 0.0                 | 0.5  | ----- | 0.0     | 1.1  | ----- | 7.1      | 2.0  | ----- |
| Cholecystectomy.....                       | 9               | 0.0                 | 1.3  | ----- | 0.0     | 2.2  | ----- | 0.0      | 2.9  | ----- |
| Hysterectomy.....                          | 0               |                     |      |       |         |      |       |          |      |       |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



**VACA VALLEY HOSPITAL**  
Medicare Provider Number: 050680

**FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES**

**DEMOGRAPHICS:**

Average age at admission..... 75.1 years  
Proportion female..... 56.3 %

**ADMISSION SOURCES/TYPES:**

Referred by personal or HMO physician..... 43.9 %  
Transferred from skilled nursing facility..... 0.2 %  
Admitted for elective procedure..... 10.8 %  
Admitted for emergency..... 63.0 %

**COMORBIDITIES:**

Cancer..... 7.5 %  
Chronic cardiovascular disease..... 26.9 %  
Chronic liver disease..... 0.9 %  
Chronic renal disease..... 0.6 %  
Chronic pulmonary disease..... 15.5 %  
Cerebrovascular degeneration..... 4.5 %  
Diabetes mellitus..... 9.2 %

**ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\***

**ORIGIN OF MEDICARE PATIENT ADMISSION:**

County/City ..... 87.4%  
State ..... 9.1%  
Outside State ..... 3.5%  
Total ..... 100.0%

**MEDICARE AVERAGE LENGTH OF STAY:**

Hospital ..... 5.9 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

**HOSPITAL CHARACTERISTICS\***

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

**PROFILE:**

Total Beds ..... 50  
Occupancy Rate ..... 44.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... 44.0 %  
Case Mix Index (CMI) ..... 1.2043

**STAFFING:**

Total Number of Physicians..... 112  
Percent of Physicians Board  
Certified Specialists..... 88.4 %  
Medical Residents/Interns ..... 0  
Registered Nurses..... 42  
Licensed Practical Nurses ..... 0

**SPECIALTY SERVICES:**

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... Yes  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

**OTHER SPECIALTY/HOSPITAL-BASED SERVICES:**

Alcohol/Drug..... No  
Rehabilitation..... No  
Psychiatric..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# VALLEY MEDICAL CENTER

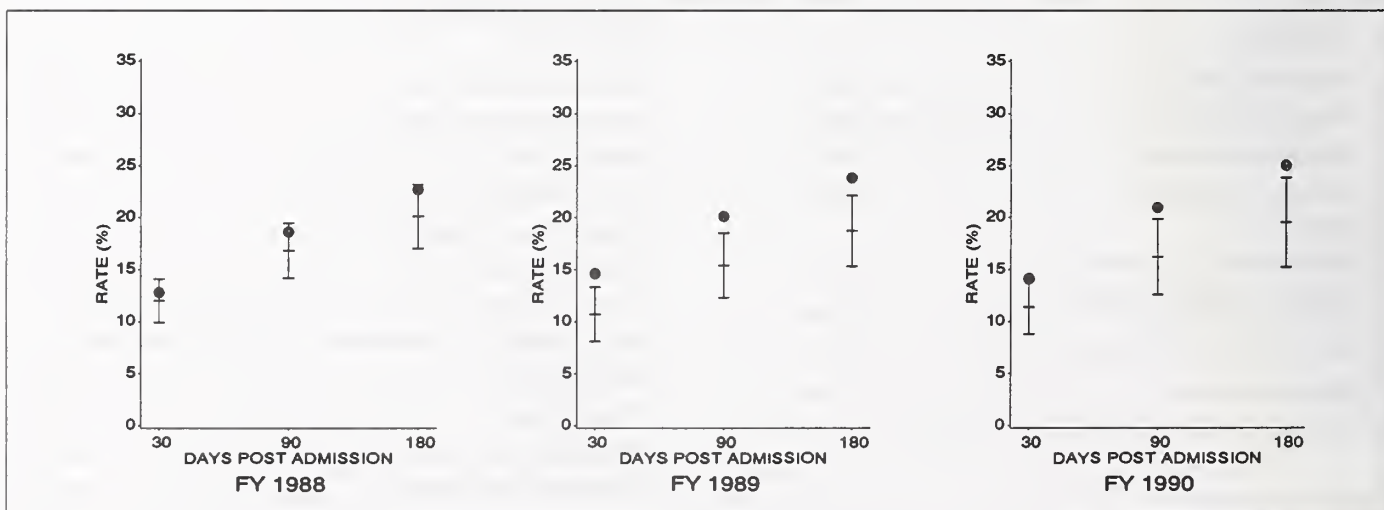
445 S CEDAR AVE  
FRESNO, CA 93702  
Medicare Provider Number: 050213

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 872             | 14.1                | 11.4 | 1.3   | 20.9    | 16.2 | 1.8   | 25.0     | 19.5 | 2.2   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 36              | 25.0                | 29.4 | ----- | 30.6    | 31.9 | ----- | 30.6     | 34.6 | ----- |
| Congestive Heart Failure.....              | 37              | 24.3                | 12.8 | ----- | 32.4    | 21.2 | ----- | 35.1     | 27.3 | ----- |
| Pneumonia/Influenza.....                   | 57              | 15.8                | 14.1 | 7.1   | 29.8    | 20.0 | 8.5   | 31.6     | 23.7 | 9.7   |
| Chronic Obstructive Pulmonary Disease..... | 18              | 16.7                | 4.8  | ----- | 22.2    | 9.0  | ----- | 22.2     | 12.1 | ----- |
| Transient Cerebral Ischemia.....           | 6               | 0.0                 | 1.2  | ----- | 0.0     | 2.7  | ----- | 0.0      | 4.2  | ----- |
| Stroke.....                                | 31              | 22.6                | 17.5 | ----- | 25.8    | 24.6 | ----- | 29.0     | 28.2 | ----- |
| Hip Fracture.....                          | 13              | 15.4                | 5.7  | ----- | 15.4    | 10.1 | ----- | 30.8     | 12.9 | ----- |
| Sepsis.....                                | 11              | 45.5                | 22.8 | ----- | 63.6    | 30.3 | ----- | 81.8     | 34.6 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 2               | 0.0                 | 10.6 | ----- | 0.0     | 11.5 | ----- | 0.0      | 12.3 | ----- |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 7               | 0.0                 | 3.5  | ----- | 0.0     | 6.1  | ----- | 0.0      | 8.3  | ----- |
| Carotid Endarterectomy.....                | 2               | 0.0                 | 1.3  | ----- | 0.0     | 2.6  | ----- | 0.0      | 3.9  | ----- |
| Hip Replacement/Reconstruction.....        | 7               | 0.0                 | 2.3  | ----- | 0.0     | 4.3  | ----- | 0.0      | 5.8  | ----- |
| Open Reduction of Hip Fracture.....        | 8               | 12.5                | 6.2  | ----- | 12.5    | 11.1 | ----- | 37.5     | 14.4 | ----- |
| Prostatectomy.....                         | 22              | 0.0                 | 1.2  | ----- | 4.5     | 2.8  | ----- | 9.1      | 4.7  | ----- |
| Cholecystectomy.....                       | 5               | 0.0                 | 7.8  | ----- | 0.0     | 17.0 | ----- | 20.0     | 24.6 | ----- |
| Hysterectomy.....                          | 2               | 0.0                 | 0.1  | ----- | 0.0     | 0.2  | ----- | 0.0      | 0.4  | ----- |

\* The Standard Deviation (SD) Is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# **VALLEY MEDICAL CENTER** Medicare Provider Number: 050213

## **FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES**

### **DEMOGRAPHICS:**

Average age at admission..... 68.0 years  
 Proportion female..... 40.6 %

### **ADMISSION SOURCES/TYPES:**

Referred by personal or HMO physician..... 6.9 %  
 Transferred from skilled nursing facility..... 0.0 %  
 Admitted for elective procedure..... 8.5 %  
 Admitted for emergency..... 25.3 %

### **COMORBIDITIES:**

Cancer..... 5.8 %  
 Chronic cardiovascular disease..... 30.2 %  
 Chronic liver disease..... 2.6 %  
 Chronic renal disease..... 4.1 %  
 Chronic pulmonary disease..... 15.9 %  
 Cerebrovascular degeneration..... 4.9 %  
 Diabetes mellitus..... 11.1 %

## **ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\***

### **ORIGIN OF MEDICARE PATIENT ADMISSION:**

County/City..... 89.9%  
 State..... 9.6%  
 Outside State..... 0.5%  
 Total..... 100.0%

### **MEDICARE AVERAGE LENGTH OF STAY:**

Hospital..... 7.6 Days  
 State..... 7.1 Days  
 National..... 8.6 Days

## **HOSPITAL CHARACTERISTICS\***

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### **PROFILE:**

Total Beds..... 356  
 Occupancy Rate..... 83.0 %  
 Ownership/Control..... Local Government  
 Medicare Discharges..... 11.9 %  
 Case Mix Index (CMI)..... 1.3164

### **STAFFING:**

Total Number of Physicians..... 76  
 Percent of Physicians Board  
 Certified Specialists..... 75.0 %  
 Medical Residents/Interns..... (Not Available)  
 Registered Nurses..... (Not Available)  
 Licensed Practical Nurses..... (Not Available)

### **SPECIALTY SERVICES:**

Burn Unit..... Yes  
 Cardiac Intensive Care..... Yes  
 Comprehensive Geriatric..... No  
 Hospice Care..... Yes  
 Medical/Surgical Intensive Care..... Yes  
 Organ/Tissue Transplant..... No  
 Other Intensive Care..... No  
 Trauma Center..... Yes

### **OTHER SPECIALTY/HOSPITAL-BASED SERVICES:**

Alcohol/Drug..... No  
 Rehabilitation..... No  
 Psychiatric..... Yes  
 Medicare Swing Beds..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# VALLEY MEMORIAL HOSPITAL

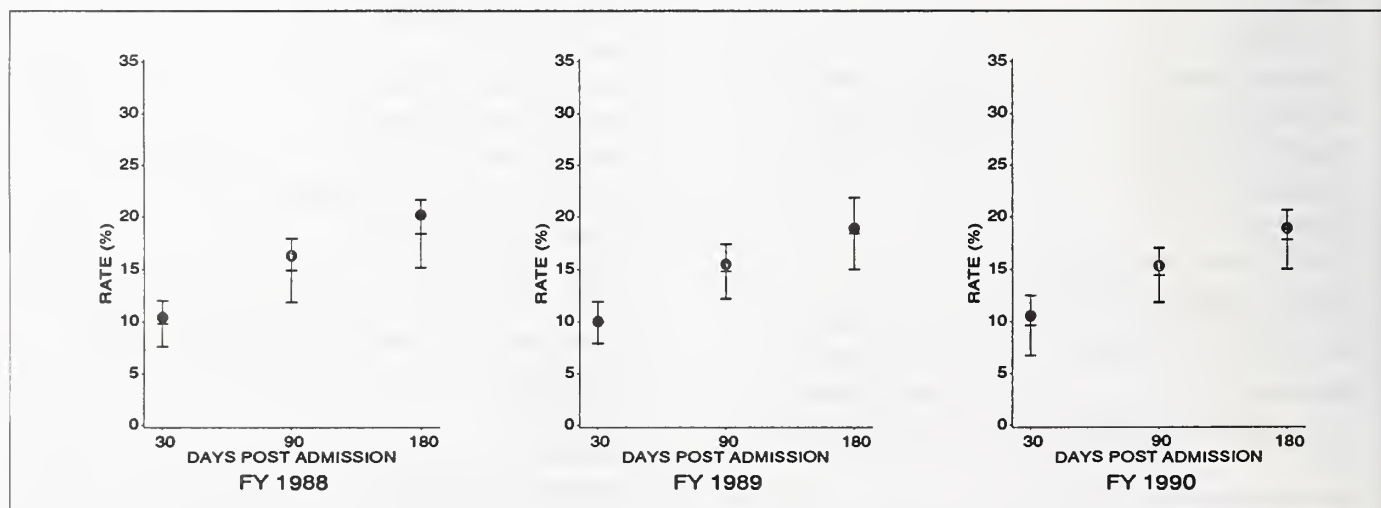
1111 EAST STANLEY BLVD  
LIVERMORE, CA 94550  
Medicare Provider Number: 050283

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 1042            | 10.5                | 9.6  | 1.4  | 15.3    | 14.4 | 1.3  | 18.9     | 17.8 | 1.4  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 53              | 24.5                | 20.8 | 7.1  | 28.3    | 24.0 | 6.9  | 30.2     | 26.6 | 6.9  |
| Congestive Heart Failure.....              | 68              | 11.8                | 14.3 | 4.8  | 19.1    | 22.8 | 6.0  | 27.9     | 29.0 | 5.8  |
| Pneumonia/Influenza.....                   | 56              | 14.3                | 13.3 | 4.6  | 16.1    | 18.5 | 5.4  | 25.0     | 21.9 | 6.8  |
| Chronic Obstructive Pulmonary Disease..... | 14              | 14.3                | 7.1  | ---- | 14.3    | 13.1 | ---- | 21.4     | 18.4 | ---- |
| Transient Cerebral Ischemia.....           | 31              | 6.5                 | 2.7  | ---- | 12.9    | 6.2  | ---- | 19.4     | 10.0 | ---- |
| Stroke.....                                | 56              | 25.0                | 18.6 | 6.5  | 28.6    | 25.2 | 6.2  | 28.6     | 29.2 | 6.4  |
| Hip Fracture.....                          | 30              | 0.0                 | 5.3  | ---- | 3.3     | 10.0 | ---- | 10.0     | 13.6 | ---- |
| Sepsis.....                                | 18              | 27.8                | 20.8 | ---- | 38.9    | 26.1 | ---- | 44.4     | 30.0 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 9               | 0.0                 | 4.3  | ---- | 0.0     | 8.0  | ---- | 22.2     | 10.7 | ---- |
| Carotid Endarterectomy.....                | 6               | 0.0                 | 1.0  | ---- | 0.0     | 1.9  | ---- | 0.0      | 3.0  | ---- |
| Hip Replacement/Reconstruction.....        | 17              | 0.0                 | 2.5  | ---- | 0.0     | 5.0  | ---- | 11.8     | 7.1  | ---- |
| Open Reduction of Hip Fracture.....        | 22              | 0.0                 | 5.2  | ---- | 4.5     | 10.1 | ---- | 13.6     | 13.8 | ---- |
| Prostatectomy.....                         | 15              | 0.0                 | 0.6  | ---- | 6.7     | 1.5  | ---- | 6.7      | 2.7  | ---- |
| Cholecystectomy.....                       | 29              | 3.4                 | 2.1  | ---- | 13.8    | 3.9  | ---- | 13.8     | 5.0  | ---- |
| Hysterectomy.....                          | 9               | 0.0                 | 0.3  | ---- | 0.0     | 0.8  | ---- | 0.0      | 1.4  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# VALLEY MEMORIAL HOSPITAL

Medicare Provider Number: 050283

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 75.8 years  
Proportion female..... 61.9 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 39.6 %  
Transferred from skilled nursing facility..... 0.9 %  
Admitted for elective procedure..... 25.2 %  
Admitted for emergency..... 11.0 %

### COMORBIDITIES:

Cancer..... 6.4 %  
Chronic cardiovascular disease..... 33.5 %  
Chronic liver disease..... 1.5 %  
Chronic renal disease..... 3.2 %  
Chronic pulmonary disease..... 15.8 %  
Cerebrovascular degeneration..... 3.2 %  
Diabetes mellitus..... 4.9 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 84.8%  
State ..... 11.3%  
Outside State ..... 3.9%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 6.7 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds ..... 110  
Occupancy Rate ..... 67.0 %  
Ownership/Control..... Private, Non-Profit  
Medicare Discharges ..... (Not Available)  
Case Mix Index (CMI) ..... 1.3048

### STAFFING:

Total Number of Physicians..... 117  
Percent of Physicians Board  
Certified Specialists ..... 68.4 %  
Medical Residents/Interns ..... (Not Available)  
Registered Nurses..... (Not Available)  
Licensed Practical Nurses ..... (Not Available)

### SPECIALTY SERVICES:

Burn Unit ..... No  
Cardiac Intensive Care ..... No  
Comprehensive Geriatric ..... No  
Hospice Care ..... No  
Medical/Surgical Intensive Care ..... Yes  
Organ/Tissue Transplant ..... No  
Other Intensive Care ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... Yes

\*\* Except for CMI

\* Not used in calculating mortality rates

# VISALIA COMMUNITY HOSPITAL

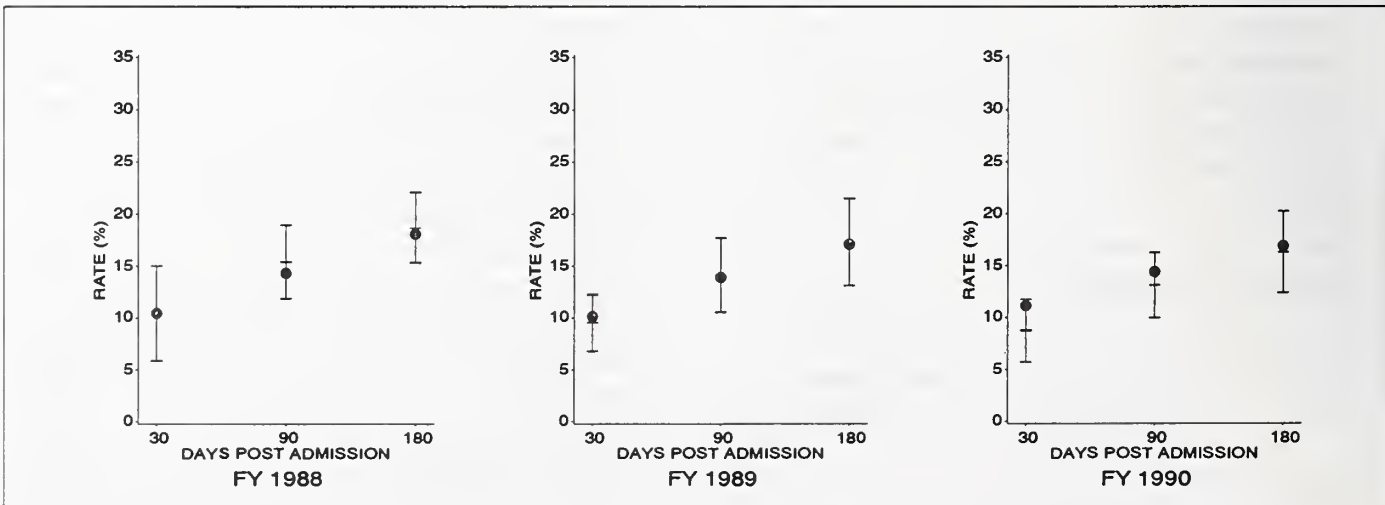
1633 SOUTH COURT STREET  
VISALIA, CA 93277  
Medicare Provider Number: 050418

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 592             | 11.1                | 8.7  | 1.5   | 14.4    | 13.1 | 1.6   | 16.9     | 16.3 | 2.0   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 23              | 30.4                | 20.2 | ----- | 30.4    | 22.8 | ----- | 30.4     | 25.2 | ----- |
| Congestive Heart Failure.....              | 24              | 25.0                | 15.8 | ----- | 37.5    | 24.9 | ----- | 41.7     | 31.2 | ----- |
| Pneumonia/Influenza.....                   | 22              | 13.6                | 12.6 | ----- | 13.6    | 17.6 | ----- | 18.2     | 20.9 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 17              | 0.0                 | 5.4  | ----- | 0.0     | 10.3 | ----- | 5.9      | 14.0 | ----- |
| Transient Cerebral Ischemia.....           | 5               | 0.0                 | 1.2  | ----- | 0.0     | 2.6  | ----- | 0.0      | 4.0  | ----- |
| Stroke.....                                | 29              | 13.8                | 17.4 | ----- | 20.7    | 24.1 | ----- | 20.7     | 27.9 | ----- |
| Hip Fracture.....                          | 12              | 16.7                | 5.2  | ----- | 16.7    | 9.0  | ----- | 16.7     | 11.8 | ----- |
| Sepsis.....                                | 4               | 50.0                | 35.1 | ----- | 50.0    | 39.2 | ----- | 50.0     | 42.4 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 4               | 0.0                 | 2.7  | ----- | 0.0     | 5.8  | ----- | 0.0      | 8.4  | ----- |
| Carotid Endarterectomy.....                | 46              | 0.0                 | 1.1  | ----- | 2.2     | 2.3  | ----- | 2.2      | 3.6  | ----- |
| Hip Replacement/Reconstruction.....        | 9               | 0.0                 | 2.7  | ----- | 0.0     | 4.8  | ----- | 0.0      | 6.5  | ----- |
| Open Reduction of Hip Fracture.....        | 4               | 25.0                | 5.7  | ----- | 25.0    | 9.9  | ----- | 25.0     | 12.8 | ----- |
| Prostatectomy.....                         | 12              | 0.0                 | 0.5  | ----- | 0.0     | 1.3  | ----- | 0.0      | 2.5  | ----- |
| Cholecystectomy.....                       | 22              | 0.0                 | 1.2  | ----- | 0.0     | 2.3  | ----- | 0.0      | 3.3  | ----- |
| Hysterectomy.....                          | 3               | 0.0                 | 0.1  | ----- | 0.0     | 0.3  | ----- | 0.0      | 0.5  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# VISALIA COMMUNITY HOSPITAL

Medicare Provider Number: 050418

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 75.3 years  
Proportion female..... 57.3 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 84.3 %  
Transferred from skilled nursing facility..... 0.0 %  
Admitted for elective procedure..... 20.8 %  
Admitted for emergency..... 25.2 %

### COMORBIDITIES:

Cancer..... 6.6 %  
Chronic cardiovascular disease..... 32.6 %  
Chronic liver disease..... 1.4 %  
Chronic renal disease..... 3.2 %  
Chronic pulmonary disease..... 17.9 %  
Cerebrovascular degeneration..... 2.4 %  
Diabetes mellitus..... 8.6 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 93.0%  
State ..... 6.4%  
Outside State ..... 0.6%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 5.4 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1986

### PROFILE:

Total Beds ..... 52  
Ownership/Control..... Private, For Profit  
Case Mix Index (CMI) ..... 1.2759

### STAFFING:

Medical Residents/Interns ..... 0  
Registered Nurses..... 50  
Licensed Practical Nurses ..... 15

### SPECIALTY SERVICES:

Burn Unit ..... No  
Coronary Care Unit ..... Yes  
Hospice Care ..... No  
Intensive Care Unit ..... Yes  
Organ Transplant ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... No  
Rehabilitation..... No  
Psychiatric ..... No  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# WARRACK MEDICAL CENTER HOSPITAL

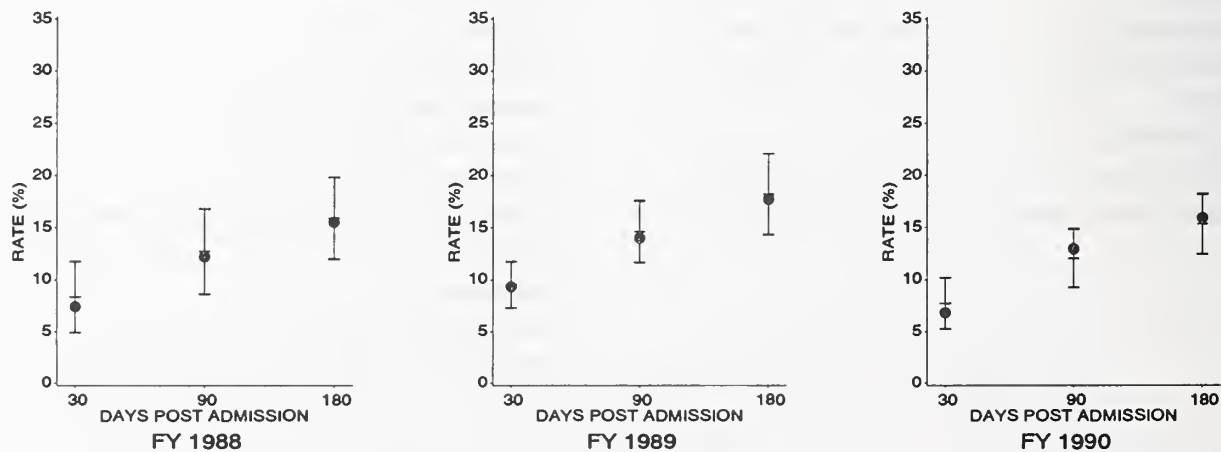
2449 SUMMERFIELD ROAD  
SANTA ROSA, CA 95405  
Medicare Provider Number: 050032

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 762             | 6.8                 | 7.7  | 1.2   | 12.9    | 12.0 | 1.4   | 15.9     | 15.3 | 1.5   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 16              | 31.3                | 25.4 | ----- | 43.8    | 27.8 | ----- | 43.8     | 30.7 | ----- |
| Congestive Heart Failure.....              | 43              | 14.0                | 13.5 | ----- | 16.3    | 21.7 | ----- | 23.3     | 27.1 | ----- |
| Pneumonia/Influenza.....                   | 50              | 10.0                | 12.6 | ----- | 22.0    | 17.1 | ----- | 26.0     | 20.4 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 15              | 6.7                 | 6.6  | ----- | 13.3    | 12.4 | ----- | 20.0     | 16.5 | ----- |
| Transient Cerebral Ischemia.....           | 6               | 0.0                 | 2.1  | ----- | 0.0     | 5.2  | ----- | 0.0      | 8.9  | ----- |
| Stroke.....                                | 30              | 13.3                | 18.5 | ----- | 16.7    | 25.6 | ----- | 23.3     | 29.8 | ----- |
| Hip Fracture.....                          | 19              | 5.3                 | 4.7  | ----- | 10.5    | 8.8  | ----- | 10.5     | 11.8 | ----- |
| Sepsis.....                                | 10              | 10.0                | 30.4 | ----- | 20.0    | 35.8 | ----- | 20.0     | 39.6 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 4               | 0.0                 | 1.1  | ----- | 0.0     | 2.4  | ----- | 0.0      | 3.7  | ----- |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 1               | 0.0                 | 5.3  | ----- | 0.0     | 10.9 | ----- | 0.0      | 15.0 | ----- |
| Open Reduction of Hip Fracture.....        | 9               | 11.1                | 4.5  | ----- | 22.2    | 8.5  | ----- | 22.2     | 11.4 | ----- |
| Prostatectomy.....                         | 32              | 0.0                 | 0.6  | ----- | 3.1     | 1.6  | ----- | 6.3      | 2.9  | ----- |
| Cholecystectomy.....                       | 17              | 0.0                 | 2.6  | ----- | 5.9     | 4.6  | ----- | 5.9      | 6.1  | ----- |
| Hysterectomy.....                          | 9               | 0.0                 | 0.2  | ----- | 0.0     | 0.5  | ----- | 0.0      | 1.0  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# WARRACK MEDICAL CENTER HOSPITAL

Medicare Provider Number: 050032

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 77.0 years |
| Proportion female.....        | 61.7 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 76.4 % |
| Transferred from skilled nursing facility..... | 2.0 %  |
| Admitted for elective procedure.....           | 20.9 % |
| Admitted for emergency.....                    | 9.4 %  |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 6.6 %  |
| Chronic cardiovascular disease..... | 25.1 % |
| Chronic liver disease.....          | 0.5 %  |
| Chronic renal disease.....          | 1.6 %  |
| Chronic pulmonary disease.....      | 15.9 % |
| Cerebrovascular degeneration.....   | 3.9 %  |
| Diabetes mellitus.....              | 5.8 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 92.7%  |
| State .....         | 6.6%   |
| Outside State ..... | 0.7%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 6.4 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1989

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 79                  |
| Ownership/Control.....     | Private, For Profit |
| Case Mix Index (CMI) ..... | 1.1858              |

### STAFFING:

|                                 |    |
|---------------------------------|----|
| Medical Residents/Interns ..... | 5  |
| Registered Nurses.....          | 57 |
| Licensed Practical Nurses ..... | 5  |

### SPECIALTY SERVICES:

|                           |     |
|---------------------------|-----|
| Burn Unit .....           | No  |
| Coronary Care Unit .....  | Yes |
| Hospice Care .....        | No  |
| Intensive Care Unit ..... | Yes |
| Organ Transplant .....    | No  |
| Trauma Center .....       | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | Yes |
| Rehabilitation.....       | No  |
| Psychiatric .....         | No  |
| Medicare Swing Beds ..... | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# WASHINGTON HOSPITAL

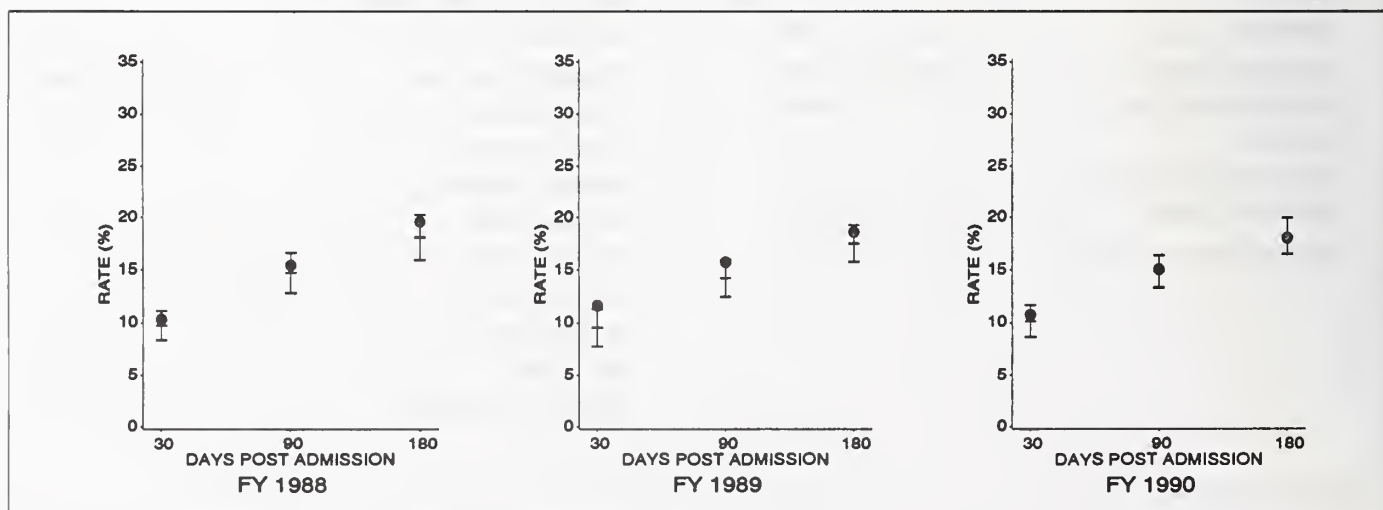
2000 MOWRY AVE  
FREMONT, CA 94538  
Medicare Provider Number: 050195

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 2139            | 10.7                | 10.1 | 0.8  | 15.0    | 14.8 | 0.8  | 18.0     | 18.2 | 0.9  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 88              | 27.3                | 28.8 | 5.1  | 33.0    | 31.5 | 5.1  | 34.1     | 34.3 | 5.1  |
| Congestive Heart Failure.....              | 125             | 12.0                | 14.3 | 4.7  | 18.4    | 22.5 | 7.4  | 23.2     | 28.4 | 7.3  |
| Pneumonia/Influenza.....                   | 124             | 17.7                | 15.5 | 4.3  | 23.4    | 21.4 | 3.9  | 25.8     | 25.3 | 3.9  |
| Chronic Obstructive Pulmonary Disease..... | 19              | 10.5                | 9.2  | ---- | 15.8    | 15.8 | ---- | 26.3     | 20.3 | ---- |
| Transient Cerebral Ischemia.....           | 34              | 2.9                 | 1.7  | ---- | 5.9     | 3.7  | ---- | 8.8      | 6.1  | ---- |
| Stroke.....                                | 104             | 16.3                | 19.1 | 6.2  | 20.2    | 24.4 | 5.0  | 26.0     | 27.8 | 5.2  |
| Hip Fracture.....                          | 52              | 9.6                 | 6.0  | 4.4  | 9.6     | 10.7 | 4.4  | 11.5     | 14.1 | 5.5  |
| Sepsis.....                                | 33              | 27.3                | 23.1 | ---- | 30.3    | 30.8 | ---- | 36.4     | 35.4 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 103             | 1.0                 | 3.0  | 2.9  | 1.9     | 4.0  | 3.0  | 3.9      | 4.9  | 2.6  |
| Coronary Artery Bypass Graft.....          | 36              | 19.4                | 7.9  | ---- | 22.2    | 10.5 | ---- | 25.0     | 11.7 | ---- |
| Initial Pacemaker Insertion.....           | 25              | 0.0                 | 2.6  | ---- | 0.0     | 5.1  | ---- | 0.0      | 7.5  | ---- |
| Carotid Endarterectomy.....                | 12              | 0.0                 | 1.2  | ---- | 0.0     | 2.4  | ---- | 0.0      | 3.5  | ---- |
| Hip Replacement/Reconstruction.....        | 36              | 2.8                 | 4.1  | ---- | 2.8     | 7.7  | ---- | 8.3      | 10.2 | ---- |
| Open Reduction of Hip Fracture.....        | 25              | 12.0                | 5.2  | ---- | 12.0    | 9.5  | ---- | 12.0     | 12.8 | ---- |
| Prostatectomy.....                         | 39              | 0.0                 | 0.8  | ---- | 5.1     | 2.0  | ---- | 7.7      | 3.5  | ---- |
| Cholecystectomy.....                       | 36              | 0.0                 | 1.9  | ---- | 0.0     | 3.5  | ---- | 2.8      | 4.7  | ---- |
| Hysterectomy.....                          | 11              | 0.0                 | 0.2  | ---- | 0.0     | 0.6  | ---- | 0.0      | 1.0  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# WASHINGTON HOSPITAL

Medicare Provider Number: 050195

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 74.5 years  
Proportion female..... 57.8 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 34.2 %  
Transferred from skilled nursing facility..... 1.4 %  
Admitted for elective procedure..... 15.1 %  
Admitted for emergency..... 53.9 %

### COMORBIDITIES:

Cancer..... 5.9 %  
Chronic cardiovascular disease..... 41.2 %  
Chronic liver disease..... 1.0 %  
Chronic renal disease..... 4.6 %  
Chronic pulmonary disease..... 14.1 %  
Cerebrovascular degeneration..... 6.1 %  
Diabetes mellitus..... 7.3 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City..... 89.4%  
State..... 7.9%  
Outside State..... 2.7%  
Total..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital..... 6.0 Days  
State..... 7.1 Days  
National..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

Total Beds..... 220  
Occupancy Rate..... 67.0 %  
Ownership/Control..... District/Authority  
Medicare Discharges..... 29.4 %  
Case Mix Index (CMI)..... 1.3914

### STAFFING:

Total Number of Physicians..... 179  
Percent of Physicians Board  
Certified Specialists..... 68.7 %  
Medical Residents/Interns..... 0  
Registered Nurses..... 274  
Licensed Practical Nurses..... 22

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Trauma Center..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug..... No  
Rehabilitation..... No  
Psychiatric..... Yes  
Medicare Swing Beds..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# WATSONVILLE COMMUNITY HOSPITAL

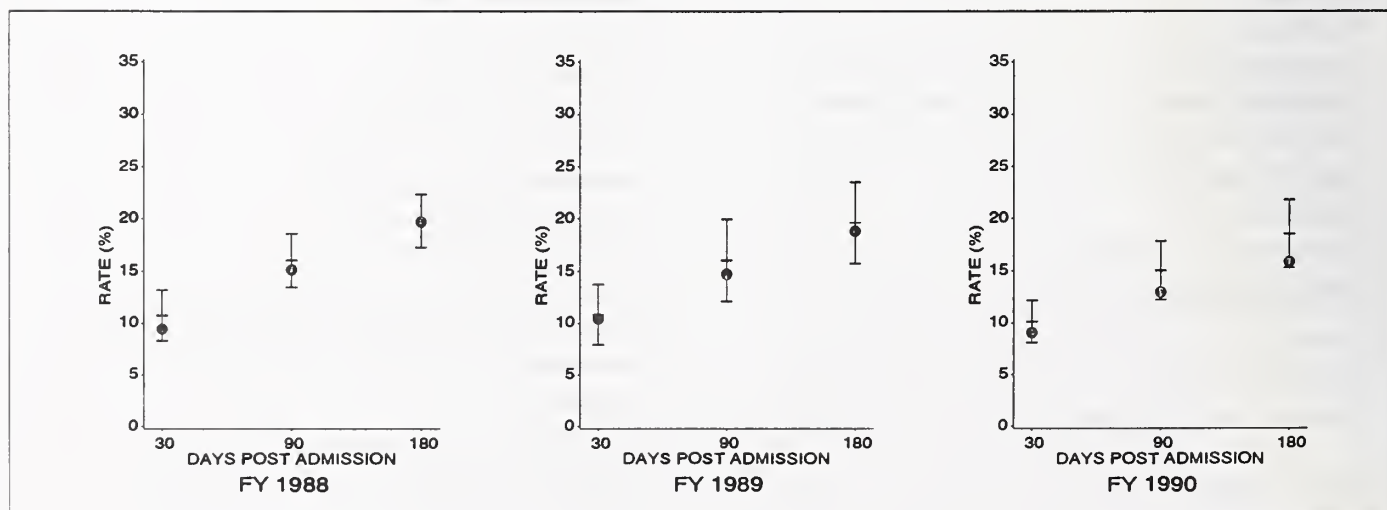
298 GREEN VALLEY RD  
WATSONVILLE, CA 95076  
Medicare Provider Number: 050194

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|--------------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                    | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                    | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 1182               | 9.0                 | 10.1 | 1.0   | 12.9    | 15.0 | 1.4   | 15.8     | 18.5 | 1.6   |
| CONDITIONS:                                |                    |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 35                 | 22.9                | 27.0 | ----- | 31.4    | 29.7 | ----- | 31.4     | 32.2 | ----- |
| Congestive Heart Failure.....              | 51                 | 7.8                 | 14.2 | 8.1   | 11.8    | 22.4 | 11.0  | 17.6     | 28.5 | 11.0  |
| Pneumonia/Influenza.....                   | 94                 | 17.0                | 16.6 | 4.1   | 22.3    | 22.8 | 4.4   | 26.6     | 26.5 | 4.6   |
| Chronic Obstructive Pulmonary Disease..... | 16                 | 6.3                 | 7.6  | ----- | 12.5    | 13.3 | ----- | 18.8     | 17.8 | ----- |
| Transient Cerebral Ischemia.....           | 14                 | 0.0                 | 1.8  | ----- | 0.0     | 3.6  | ----- | 0.0      | 5.7  | ----- |
| Stroke.....                                | 54                 | 25.9                | 21.0 | 8.2   | 25.9    | 27.1 | 8.1   | 29.6     | 30.8 | 8.2   |
| Hip Fracture.....                          | 37                 | 2.7                 | 6.5  | ----- | 5.4     | 11.3 | ----- | 8.1      | 14.9 | ----- |
| Sepsis.....                                | 15                 | 20.0                | 26.4 | ----- | 26.7    | 35.4 | ----- | 26.7     | 40.2 | ----- |
| PROCEDURES:                                |                    |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0                  |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0                  |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 7                  | 0.0                 | 5.2  | ----- | 0.0     | 9.3  | ----- | 0.0      | 12.8 | ----- |
| Carotid Endarterectomy.....                | 6                  | 0.0                 | 2.0  | ----- | 0.0     | 3.6  | ----- | 0.0      | 5.0  | ----- |
| Hip Replacement/Reconstruction.....        | 16                 | 0.0                 | 2.6  | ----- | 6.3     | 4.6  | ----- | 6.3      | 6.4  | ----- |
| Open Reduction of Hip Fracture.....        | 26                 | 0.0                 | 6.0  | ----- | 0.0     | 10.9 | ----- | 3.8      | 14.6 | ----- |
| Prostatectomy.....                         | 100                | 0.0                 | 0.9  | 1.2   | 1.0     | 2.0  | 1.9   | 1.0      | 3.4  | 2.8   |
| Cholecystectomy.....                       | 24                 | 4.2                 | 2.2  | ----- | 4.2     | 4.2  | ----- | 4.2      | 5.8  | ----- |
| Hysterectomy.....                          | 8                  | 0.0                 | 0.1  | ----- | 0.0     | 0.3  | ----- | 0.0      | 0.6  | ----- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# WATSONVILLE COMMUNITY HOSPITAL

Medicare Provider Number: 050194

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 75.6 years  
Proportion female..... 51.9 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 40.7 %  
Transferred from skilled nursing facility..... 1.2 %  
Admitted for elective procedure..... 22.7 %  
Admitted for emergency..... 16.4 %

### COMORBIDITIES:

Cancer..... 8.6 %  
Chronic cardiovascular disease..... 39.1 %  
Chronic liver disease..... 1.9 %  
Chronic renal disease..... 3.1 %  
Chronic pulmonary disease..... 16.0 %  
Cerebrovascular degeneration..... 3.9 %  
Diabetes mellitus..... 6.8 %

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City ..... 87.4%  
State ..... 11.1%  
Outside State ..... 1.5%  
Total ..... 100.0%

### MEDICARE AVERAGE LENGTH OF STAY:

Hospital ..... 6.0 Days  
State ..... 7.1 Days  
National ..... 8.6 Days

## HOSPITAL CHARACTERISTICS\*

SOURCE: Health Care Financing Administration (OSCAR)\*\* - Survey Year 1989

### PROFILE:

Total Beds ..... 130  
Ownership/Control..... Private, Non-Profit  
Case Mix Index (CMI) ..... 1.2431

### STAFFING:

Medical Residents/Interns ..... 0  
Registered Nurses ..... 113  
Licensed Practical Nurses ..... 30

### SPECIALTY SERVICES:

Burn Unit ..... No  
Coronary Care Unit ..... Yes  
Hospice Care ..... No  
Intensive Care Unit ..... Yes  
Organ Transplant ..... No  
Trauma Center ..... No

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug ..... Yes  
Rehabilitation ..... No  
Psychiatric ..... Yes  
Medicare Swing Beds ..... No

\*\* Except for CMI

\* Not used in calculating mortality rates

# WEST SIDE COMMUNITY HOSPITAL

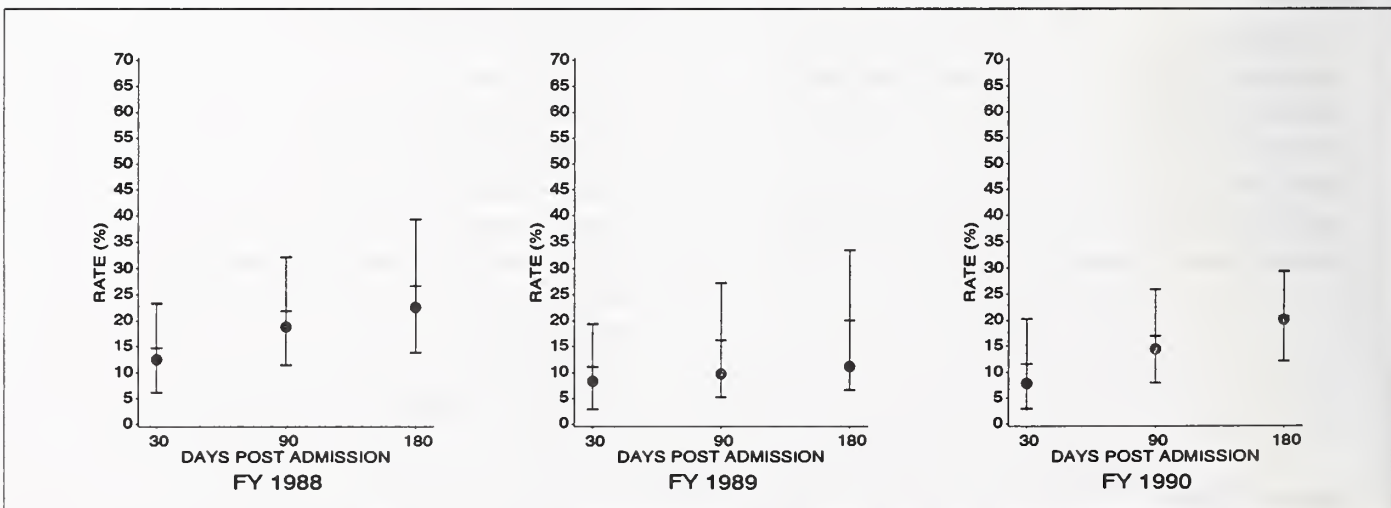
151 SOUTH HIGHWAY 33  
NEWMAN, CA 95360  
Medicare Provider Number: 050451

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |       |         |      |       |          |      |       |
|--------------------------------------------|-----------------|---------------------|------|-------|---------|------|-------|----------|------|-------|
|                                            |                 | 30 DAYS             |      |       | 90 DAYS |      |       | 180 DAYS |      |       |
|                                            |                 | OBS                 | PRED | SD*   | OBS     | PRED | SD*   | OBS      | PRED | SD*   |
| ALL CAUSES.....                            | 90              | 7.8                 | 11.6 | 4.3   | 14.4    | 16.9 | 4.5   | 20.0     | 20.7 | 4.3   |
| CONDITIONS:                                |                 |                     |      |       |         |      |       |          |      |       |
| Acute Myocardial Infarction.....           | 3               | 0.0                 | 25.7 | ----- | 0.0     | 29.0 | ----- | 0.0      | 32.7 | ----- |
| Congestive Heart Failure.....              | 7               | 0.0                 | 16.2 | ----- | 14.3    | 26.1 | ----- | 42.9     | 31.8 | ----- |
| Pneumonia/Influenza.....                   | 12              | 16.7                | 15.3 | ----- | 16.7    | 21.2 | ----- | 25.0     | 24.8 | ----- |
| Chronic Obstructive Pulmonary Disease..... | 0               |                     |      |       |         |      |       |          |      |       |
| Transient Cerebral Ischemia.....           | 3               | 33.3                | 2.6  | ----- | 33.3    | 6.0  | ----- | 33.3     | 9.4  | ----- |
| Stroke.....                                | 1               | 0.0                 | 26.8 | ----- | 100.0   | 38.5 | ----- | 100.0    | 44.8 | ----- |
| Hip Fracture.....                          | 0               |                     |      |       |         |      |       |          |      |       |
| Sepsis.....                                | 2               | 0.0                 | 18.2 | ----- | 0.0     | 25.4 | ----- | 0.0      | 30.0 | ----- |
| PROCEDURES:                                |                 |                     |      |       |         |      |       |          |      |       |
| Angioplasty.....                           | 0               |                     |      |       |         |      |       |          |      |       |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |       |         |      |       |          |      |       |
| Initial Pacemaker Insertion.....           | 0               |                     |      |       |         |      |       |          |      |       |
| Carotid Endarterectomy.....                | 0               |                     |      |       |         |      |       |          |      |       |
| Hip Replacement/Reconstruction.....        | 0               |                     |      |       |         |      |       |          |      |       |
| Open Reduction of Hip Fracture.....        | 0               |                     |      |       |         |      |       |          |      |       |
| Prostatectomy.....                         | 0               |                     |      |       |         |      |       |          |      |       |
| Cholecystectomy.....                       | 0               |                     |      |       |         |      |       |          |      |       |
| Hysterectomy.....                          | 0               |                     |      |       |         |      |       |          |      |       |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# WEST SIDE COMMUNITY HOSPITAL

Medicare Provider Number: 050451

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 78.5 years |
| Proportion female.....        | 56.7 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 44.4 % |
| Transferred from skilled nursing facility..... | 7.8 %  |
| Admitted for elective procedure.....           | 0.0 %  |
| Admitted for emergency.....                    | 4.4 %  |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 4.4 %  |
| Chronic cardiovascular disease..... | 42.2 % |
| Chronic liver disease.....          | 2.2 %  |
| Chronic renal disease.....          | 2.2 %  |
| Chronic pulmonary disease.....      | 16.7 % |
| Cerebrovascular degeneration.....   | 0.0 %  |
| Diabetes mellitus.....              | 7.8 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 47.5%  |
| State .....         | 51.1%  |
| Outside State ..... | 1.4%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 5.2 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                    |
|----------------------------|--------------------|
| Total Beds .....           | 18                 |
| Occupancy Rate .....       | 11.1 %             |
| Ownership/Control.....     | District/Authority |
| Medicare Discharges .....  | 82.1 %             |
| Case Mix Index (CMI) ..... | 0.9845             |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 5      |
| Percent of Physicians Board<br>Certified Specialists ..... | 60.0 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 4      |
| Licensed Practical Nurses.....                             | 0      |

### SPECIALTY SERVICES:

|                                      |    |
|--------------------------------------|----|
| Burn Unit .....                      | No |
| Cardiac Intensive Care .....         | No |
| Comprehensive Geriatric .....        | No |
| Hospice Care .....                   | No |
| Medical/Surgical Intensive Care..... | No |
| Organ/Tissue Transplant .....        | No |
| Other Intensive Care .....           | No |
| Trauma Center .....                  | No |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | No  |
| Psychiatric .....         | No  |
| Medicare Swing Beds ..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# WOODLAND MEMORIAL HOSPITAL

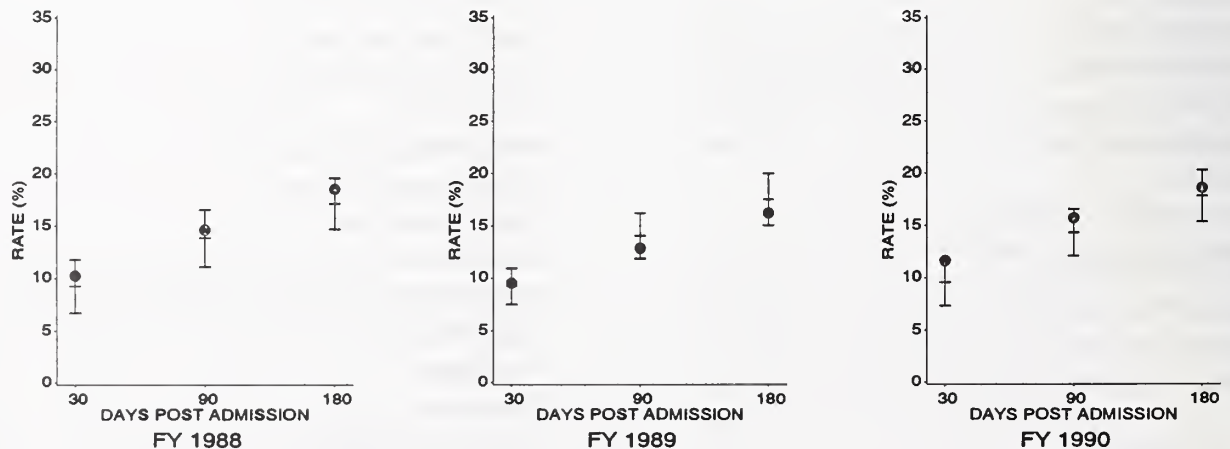
1325 COTTONWOOD STREET  
WOODLAND, CA 95695  
Medicare Provider Number: 050127

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 1215            | 11.6                | 9.5  | 1.1  | 15.7    | 14.3 | 1.1  | 18.6     | 17.8 | 1.2  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 57              | 35.1                | 19.8 | 8.8  | 38.6    | 22.5 | 9.2  | 38.6     | 25.0 | 9.6  |
| Congestive Heart Failure.....              | 46              | 13.0                | 13.7 | ---- | 19.6    | 21.4 | ---- | 23.9     | 27.3 | ---- |
| Pneumonia/Influenza.....                   | 61              | 14.8                | 14.2 | 4.5  | 14.8    | 19.4 | 5.7  | 23.0     | 22.8 | 6.9  |
| Chronic Obstructive Pulmonary Disease..... | 14              | 7.1                 | 8.8  | ---- | 21.4    | 16.9 | ---- | 21.4     | 23.1 | ---- |
| Transient Cerebral Ischemia.....           | 16              | 6.3                 | 1.8  | ---- | 18.8    | 4.0  | ---- | 25.0     | 6.7  | ---- |
| Stroke.....                                | 39              | 33.3                | 20.6 | ---- | 38.5    | 27.0 | ---- | 41.0     | 30.9 | ---- |
| Hip Fracture.....                          | 36              | 2.8                 | 6.9  | ---- | 13.9    | 12.6 | ---- | 16.7     | 16.5 | ---- |
| Sepsis.....                                | 31              | 25.8                | 24.1 | ---- | 25.8    | 31.7 | ---- | 29.0     | 36.2 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 13              | 7.7                 | 3.5  | ---- | 7.7     | 7.4  | ---- | 15.4     | 11.1 | ---- |
| Carotid Endarterectomy.....                | 12              | 0.0                 | 1.5  | ---- | 0.0     | 2.8  | ---- | 0.0      | 4.2  | ---- |
| Hip Replacement/Reconstruction.....        | 24              | 0.0                 | 2.9  | ---- | 0.0     | 5.4  | ---- | 4.2      | 7.3  | ---- |
| Open Reduction of Hip Fracture.....        | 20              | 0.0                 | 6.5  | ---- | 15.0    | 12.4 | ---- | 15.0     | 16.6 | ---- |
| Prostatectomy.....                         | 49              | 0.0                 | 0.7  | ---- | 2.0     | 1.5  | ---- | 2.0      | 2.5  | ---- |
| Cholecystectomy.....                       | 19              | 0.0                 | 3.4  | ---- | 0.0     | 6.2  | ---- | 5.3      | 8.4  | ---- |
| Hysterectomy.....                          | 17              | 0.0                 | 0.3  | ---- | 0.0     | 0.7  | ---- | 0.0      | 1.3  | ---- |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# WOODLAND MEMORIAL HOSPITAL

Medicare Provider Number: 050127

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 74.7 years |
| Proportion female.....        | 51.2 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 46.5 % |
| Transferred from skilled nursing facility..... | 0.2 %  |
| Admitted for elective procedure.....           | 17.1 % |
| Admitted for emergency.....                    | 27.0 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 9.0 %  |
| Chronic cardiovascular disease..... | 33.6 % |
| Chronic liver disease.....          | 0.8 %  |
| Chronic renal disease.....          | 2.2 %  |
| Chronic pulmonary disease.....      | 11.6 % |
| Cerebrovascular degeneration.....   | 4.4 %  |
| Diabetes mellitus.....              | 5.9 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City .....   | 73.2%  |
| State .....         | 24.5%  |
| Outside State ..... | 2.3%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 6.1 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                     |
|----------------------------|---------------------|
| Total Beds .....           | 120                 |
| Occupancy Rate .....       | 53.0 %              |
| Ownership/Control.....     | Private, Non-Profit |
| Medicare Discharges .....  | 32.1 %              |
| Case Mix Index (CMI) ..... | 1.3016              |

### STAFFING:

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Number of Physicians.....                            | 191    |
| Percent of Physicians Board<br>Certified Specialists ..... | 65.4 % |
| Medical Residents/Interns .....                            | 0      |
| Registered Nurses.....                                     | 142    |
| Licensed Practical Nurses .....                            | 7      |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | No  |
| Psychiatric .....         | Yes |
| Medicare Swing Beds ..... | No  |

\*\* Except for CMI

\* Not used in calculating mortality rates

# YOLO GENERAL HOSPITAL

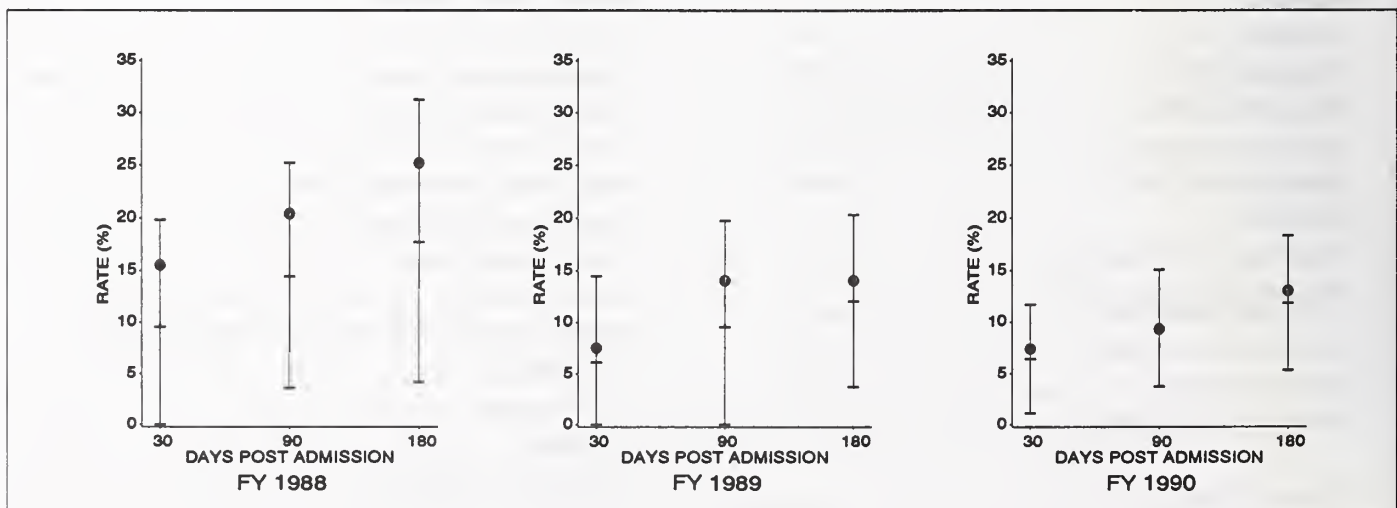
170 W BEAMER ST  
WOODLAND, CA 95695  
Medicare Provider Number: 050166

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|-----------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                 | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                 | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 108             | 7.4                 | 6.4  | 2.6  | 9.3     | 9.4  | 2.8  | 13.0     | 11.8 | 3.3  |
| CONDITIONS:                                |                 |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 5               | 40.0                | 39.0 | ---- | 40.0    | 41.7 | ---- | 40.0     | 44.9 | ---- |
| Congestive Heart Failure.....              | 3               | 0.0                 | 9.2  | ---- | 33.3    | 15.4 | ---- | 33.3     | 20.2 | ---- |
| Pneumonia/Influenza.....                   | 5               | 20.0                | 9.7  | ---- | 20.0    | 13.2 | ---- | 40.0     | 15.8 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 3               | 0.0                 | 4.9  | ---- | 0.0     | 9.2  | ---- | 0.0      | 13.0 | ---- |
| Transient Cerebral Ischemia.....           | 1               | 0.0                 | 0.7  | ---- | 0.0     | 1.8  | ---- | 0.0      | 3.2  | ---- |
| Stroke.....                                | 3               | 0.0                 | 10.6 | ---- | 0.0     | 16.1 | ---- | 33.3     | 19.2 | ---- |
| Hip Fracture.....                          | 2               | 50.0                | 6.9  | ---- | 50.0    | 12.6 | ---- | 50.0     | 16.6 | ---- |
| Sepsis.....                                | 1               | 0.0                 | 32.2 | ---- | 0.0     | 35.9 | ---- | 0.0      | 39.3 | ---- |
| PROCEDURES:                                |                 |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 0               |                     |      |      |         |      |      |          |      |      |
| Coronary Artery Bypass Graft.....          | 0               |                     |      |      |         |      |      |          |      |      |
| Initial Pacemaker Insertion.....           | 0               |                     |      |      |         |      |      |          |      |      |
| Carotid Endarterectomy.....                | 0               |                     |      |      |         |      |      |          |      |      |
| Hip Replacement/Reconstruction.....        | 3               | 33.3                | 4.3  | ---- | 33.3    | 8.2  | ---- | 33.3     | 10.9 | ---- |
| Open Reduction of Hip Fracture.....        | 0               |                     |      |      |         |      |      |          |      |      |
| Prostatectomy.....                         | 3               | 0.0                 | 1.2  | ---- | 0.0     | 3.2  | ---- | 33.3     | 5.8  | ---- |
| Cholecystectomy.....                       | 0               |                     |      |      |         |      |      |          |      |      |
| Hysterectomy.....                          | 0               |                     |      |      |         |      |      |          |      |      |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (\*) AND PREDICTED RANGE ( $\pm 2$ SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES





# YOLO GENERAL HOSPITAL

Medicare Provider Number: 050166

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 60.5 years |
| Proportion female.....        | 38.0 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 9.3 %  |
| Transferred from skilled nursing facility..... | 2.8 %  |
| Admitted for elective procedure.....           | 0.0 %  |
| Admitted for emergency.....                    | 86.1 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 0.9 %  |
| Chronic cardiovascular disease..... | 13.9 % |
| Chronic liver disease.....          | 1.9 %  |
| Chronic renal disease.....          | 1.9 %  |
| Chronic pulmonary disease.....      | 10.2 % |
| Cerebrovascular degeneration.....   | 9.3 %  |
| Diabetes mellitus.....              | 8.3 %  |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS\*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

|                     |        |
|---------------------|--------|
| County/City.....    | 83.9%  |
| State .....         | 14.9%  |
| Outside State ..... | 1.2%   |
| Total .....         | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

|                |          |
|----------------|----------|
| Hospital ..... | 7.7 Days |
| State .....    | 7.1 Days |
| National ..... | 8.6 Days |

## HOSPITAL CHARACTERISTICS\*

SOURCE: AHA Annual Survey of Hospitals\*\* - Survey Year 1990

### PROFILE:

|                            |                  |
|----------------------------|------------------|
| Total Beds .....           | 118              |
| Occupancy Rate .....       | 61.0 %           |
| Ownership/Control.....     | Local Government |
| Medicare Discharges .....  | 18.3 %           |
| Case Mix Index (CMI) ..... | 0.9265           |

### STAFFING:

|                                                           |        |
|-----------------------------------------------------------|--------|
| Total Number of Physicians.....                           | 23     |
| Percent of Physicians Board<br>Certified Specialists..... | 91.3 % |
| Medical Residents/Interns .....                           | 0      |
| Registered Nurses.....                                    | 29     |
| Licensed Practical Nurses .....                           | 18     |

### SPECIALTY SERVICES:

|                                       |     |
|---------------------------------------|-----|
| Burn Unit .....                       | No  |
| Cardiac Intensive Care .....          | No  |
| Comprehensive Geriatric .....         | No  |
| Hospice Care .....                    | No  |
| Medical/Surgical Intensive Care ..... | Yes |
| Organ/Tissue Transplant .....         | No  |
| Other Intensive Care .....            | No  |
| Trauma Center .....                   | No  |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

|                           |     |
|---------------------------|-----|
| Alcohol/Drug .....        | No  |
| Rehabilitation.....       | No  |
| Psychiatric .....         | Yes |
| Medicare Swing Beds ..... | Yes |

\*\* Except for CMI

\* Not used in calculating mortality rates

# CALIFORNIA

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |     |         |      |     |          |      |     |
|--------------------------------------------|--------------------|---------------------|------|-----|---------|------|-----|----------|------|-----|
|                                            |                    | 30 DAYS             |      |     | 90 DAYS |      |     | 180 DAYS |      |     |
|                                            |                    | OBS                 | PRED | SD* | OBS     | PRED | SD* | OBS      | PRED | SD* |
| ALL CAUSES.....                            | 528,454            | 9.6                 | 9.2  | 0.1 | 14.7    | 14.1 | 0.2 | 18.2     | 17.5 | 0.1 |
| CONDITIONS:                                |                    |                     |      |     |         |      |     |          |      |     |
| Acute Myocardial Infarction.....           | 15,436             | 23.8                | 24.8 | 0.6 | 28.0    | 27.9 | 0.9 | 30.6     | 30.6 | 0.8 |
| Congestive Heart Failure.....              | 26,725             | 14.6                | 14.5 | 0.2 | 23.1    | 23.0 | 0.4 | 29.5     | 29.1 | 0.5 |
| Pneumonia/Influenza.....                   | 25,005             | 16.2                | 15.3 | 0.4 | 22.9    | 21.1 | 0.4 | 27.3     | 25.0 | 0.7 |
| Chronic Obstructive Pulmonary Disease..... | 7,920              | 9.0                 | 7.9  | 0.3 | 15.9    | 13.9 | 0.5 | 20.6     | 18.4 | 0.5 |
| Transient Cerebral Ischemia.....           | 6,433              | 2.0                 | 1.8  | 0.3 | 4.5     | 4.1  | 0.5 | 7.1      | 6.6  | 0.6 |
| Stroke.....                                | 21,120             | 20.1                | 19.9 | 0.4 | 27.1    | 26.4 | 0.5 | 31.2     | 30.2 | 0.6 |
| Hip Fracture.....                          | 14,133             | 6.7                 | 6.3  | 0.3 | 12.1    | 11.3 | 0.5 | 15.6     | 14.8 | 0.5 |
| Sepsis.....                                | 7,376              | 25.2                | 24.3 | 0.5 | 33.6    | 32.5 | 1.1 | 38.8     | 37.3 | 1.3 |
| PROCEDURES:                                |                    |                     |      |     |         |      |     |          |      |     |
| Angioplasty.....                           | 6,829              | 2.5                 | 2.8  | 0.3 | 3.6     | 3.7  | 0.3 | 4.7      | 4.7  | 0.4 |
| Coronary Artery Bypass Graft.....          | 7,653              | 6.1                 | 5.8  | 0.5 | 8.3     | 8.3  | 0.6 | 9.6      | 9.4  | 0.7 |
| Initial Pacemaker Insertion.....           | 4,640              | 2.8                 | 3.2  | 0.4 | 5.8     | 6.2  | 0.6 | 8.4      | 8.9  | 0.7 |
| Carotid Endarterectomy.....                | 3,019              | 1.4                 | 1.4  | 0.2 | 2.8     | 2.6  | 0.4 | 3.9      | 3.8  | 0.4 |
| Hip Replacement/Reconstruction.....        | 11,665             | 3.5                 | 3.0  | 0.3 | 6.4     | 5.6  | 0.4 | 8.4      | 7.6  | 0.4 |
| Open Reduction of Hip Fracture.....        | 6,964              | 6.3                 | 5.8  | 0.4 | 11.9    | 10.7 | 0.7 | 15.3     | 14.2 | 0.7 |
| Prostatectomy.....                         | 18,545             | 0.8                 | 0.8  | 0.1 | 1.8     | 1.8  | 0.1 | 3.0      | 3.2  | 0.2 |
| Cholecystectomy.....                       | 9,477              | 2.6                 | 2.4  | 0.2 | 4.5     | 4.4  | 0.2 | 6.0      | 5.9  | 0.3 |
| Hysterectomy.....                          | 4,922              | 0.8                 | 0.6  | 0.4 | 1.5     | 1.4  | 0.7 | 2.3      | 2.3  | 0.8 |

\* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

Average age at admission..... 74.2 years  
Proportion female..... 55.2 %

### ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician..... 47.4 %  
Transferred from skilled nursing facility..... 1.6 %  
Admitted for elective procedure..... 22.3 %  
Admitted for emergency..... 35.0 %

### COMORBIDITIES:

Cancer..... 7.8 %  
Chronic cardiovascular disease..... 35.2 %  
Chronic liver disease..... 1.1 %  
Chronic renal disease..... 3.7 %  
Chronic pulmonary disease..... 15.0 %  
Cerebrovascular degeneration..... 3.8 %  
Diabetes mellitus..... 7.3 %

# ALL STATES

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY                                   | NUMBER<br>OF CASES | MORTALITY RATES (%) |      |      |         |      |      |          |      |      |
|--------------------------------------------|--------------------|---------------------|------|------|---------|------|------|----------|------|------|
|                                            |                    | 30 DAYS             |      |      | 90 DAYS |      |      | 180 DAYS |      |      |
|                                            |                    | OBS                 | PRED | SD*  | OBS     | PRED | SD*  | OBS      | PRED | SD*  |
| ALL CAUSES.....                            | 6,542,299          | 9.0                 | 9.0  | ---- | 13.9    | 13.7 | ---- | 17.3     | 17.1 | ---- |
| CONDITIONS:                                |                    |                     |      |      |         |      |      |          |      |      |
| Acute Myocardial Infarction.....           | 204,673            | 25.3                | 25.6 | ---- | 29.5    | 28.7 | ---- | 32.1     | 31.4 | ---- |
| Congestive Heart Failure.....              | 335,426            | 14.3                | 14.4 | ---- | 22.9    | 22.8 | ---- | 29.2     | 29.0 | ---- |
| Pneumonia/Influenza.....                   | 313,303            | 15.3                | 15.5 | ---- | 21.5    | 21.3 | ---- | 25.5     | 25.1 | ---- |
| Chronic Obstructive Pulmonary Disease..... | 107,387            | 8.0                 | 8.0  | ---- | 14.1    | 14.0 | ---- | 18.7     | 18.5 | ---- |
| Transient Cerebral Ischemia.....           | 96,866             | 1.8                 | 1.8  | ---- | 4.0     | 4.0  | ---- | 6.4      | 6.5  | ---- |
| Stroke.....                                | 241,803            | 19.7                | 19.8 | ---- | 26.5    | 26.3 | ---- | 30.4     | 30.0 | ---- |
| Hip Fracture.....                          | 163,386            | 6.7                 | 6.5  | ---- | 11.7    | 11.5 | ---- | 15.1     | 15.0 | ---- |
| Sepsis.....                                | 80,999             | 25.6                | 25.7 | ---- | 34.6    | 33.8 | ---- | 39.8     | 38.6 | ---- |
| PROCEDURES:                                |                    |                     |      |      |         |      |      |          |      |      |
| Angioplasty.....                           | 58,026             | 3.0                 | 3.0  | ---- | 4.0     | 4.0  | ---- | 5.0      | 4.9  | ---- |
| Coronary Artery Bypass Graft.....          | 80,798             | 6.0                 | 5.7  | ---- | 8.3     | 8.1  | ---- | 9.5      | 9.2  | ---- |
| Initial Pacemaker Insertion.....           | 49,642             | 3.2                 | 3.3  | ---- | 6.5     | 6.3  | ---- | 9.1      | 9.1  | ---- |
| Carotid Endarterectomy.....                | 29,990             | 1.6                 | 1.5  | ---- | 2.8     | 2.8  | ---- | 4.0      | 4.1  | ---- |
| Hip Replacement/Reconstruction.....        | 122,156            | 3.4                 | 3.2  | ---- | 6.2     | 5.9  | ---- | 8.1      | 8.0  | ---- |
| Open Reduction of Hip Fracture.....        | 80,075             | 6.1                 | 6.0  | ---- | 11.2    | 11.0 | ---- | 14.5     | 14.5 | ---- |
| Prostatectomy.....                         | 211,087            | 0.9                 | 1.0  | ---- | 2.2     | 2.3  | ---- | 3.7      | 3.8  | ---- |
| Cholecystectomy.....                       | 124,259            | 2.9                 | 2.7  | ---- | 5.0     | 4.9  | ---- | 6.5      | 6.5  | ---- |
| Hysterectomy.....                          | 53,905             | 0.7                 | 0.7  | ---- | 1.4     | 1.5  | ---- | 2.2      | 2.4  | ---- |

\* The Standard Deviation (SD) Is not calculated.

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

|                               |            |
|-------------------------------|------------|
| Average age at admission..... | 74.1 years |
| Proportion female.....        | 55.9 %     |

### ADMISSION SOURCES/TYPES:

|                                                |        |
|------------------------------------------------|--------|
| Referred by personal or HMO physician.....     | 46.1 % |
| Transferred from skilled nursing facility..... | 1.1 %  |
| Admitted for elective procedure.....           | 22.0 % |
| Admitted for emergency.....                    | 46.5 % |

### COMORBIDITIES:

|                                     |        |
|-------------------------------------|--------|
| Cancer.....                         | 7.6 %  |
| Chronic cardiovascular disease..... | 36.6 % |
| Chronic liver disease.....          | 1.0 %  |
| Chronic renal disease.....          | 3.4 %  |
| Chronic pulmonary disease.....      | 15.0 % |
| Cerebrovascular degeneration.....   | 3.9 %  |
| Diabetes mellitus.....              | 8.0 %  |





# **Hospital Comments**

# AMADOR HOSPITAL

810 COURT STREET • JACKSON, CALIF. • PHONE: (209) 223-6600; ADMINISTRATION 223-6237  
MAIL: 108 COURT STREET • JACKSON, CA 95642-2379



Medicare Provider #050014

## Amador Hospital Comments for Annual Hospital Mortality Information

Amador Hospital's overall rate is interpreted to be within the acceptable range of mortality as published.

The data specific to individual conditions and procedures cannot be statistically interpreted due to the small number of cases reported.





# Mercy Healthcare Sacramento

March 18, 1992

Provider #: 050421

Gail R. Wilensky, Ph.D, Administrator  
Health Care Financing Administration  
Medicare Hospital Information  
Bureau of Data Management and Strategy  
Room 3-A-12, Security Office Park Building  
6325 Security Boulevard  
Baltimore, Maryland 21207-5187

ATTN: Robert Moore

Mercy American River Hospital appreciates this opportunity to provide comments on the release of the HCFA mortality rate for Medicare patients for FY 1990. (During this time period, the hospital was known as "American River Hospital"; the hospital was acquired by Mercy Healthcare Sacramento in May 1991.)

It is important to note that, while the hospital's mortality rate did exceed HCFA's predicted mortality rate during this time period, this rate does not function as an indicator of quality. During the time period for which this rate was calculated, American River Hospital was awarded a full three-year accreditation by the Joint Commission on Accreditation of Healthcare Organizations (JCAHO). The commission commended the hospital for "outstanding organizational performance" and noted that the hospital had received an overall accreditation grid score of above 90, placing the hospital among the most effective accredited organizations. One of the key performance areas cited by the commission was the establishment of "sound internal processes to support the provision of quality care."

With regard to the rate, there are several factors that have led to American River Hospital's categorization as a "high mortality outlier." These factors reflect the uniqueness of the hospital's patient mix and the complexity of patient documentation. Specifically, these factors are:

1) Patient Origin

American River Hospital has an extremely high percentage of frail elderly patients, many of whom are admitted to the hospital from skilled nursing facilities (SNFs). The hospital did not receive credit for the actual number of patients being transferred here from SNFs. The data used by HCFA to calculate the predicted mortality rate indicated erroneously that 4.3 percent of the hospital's Medicare patients originated at SNFs. In fact, the hospital received 12.5 percent of its Medicare patients from SNFs.

2) Patient Co-Morbidities

A review of American River Hospital's billing records revealed that HCFA's estimate of the number of patients who had underlying chronic illnesses was much too low.

3) Admission Status


A very large number of patients were admitted to the hospital with "no code" or "do not resuscitate" status. These patients are often in critical condition and are admitted only for palliative care, and frequently are not expected to survive. The hospital billing records that are used to develop the HCFA mortality data do not reflect this information; hence HCFA's formulas underestimate the risk of death for terminally ill patients who came to the hospital for comfort care.

With regard to the first two factors, American River Hospital under-reported the number of Medicare admissions from SNFs and the number of underlying chronic illnesses of its Medicare patients. With regard to nursing home admissions and chronic illnesses, American River Hospital's true share of these risk factors was not taken into account by HCFA. Had the actual numbers been used in accord with the HCFA formula, the hospital's predicted mortality rate would have increased significantly and the hospital would, therefore, not have been a "high mortality outlier."

The hospital has reviewed its procedures for documentation of mortality-related risk factors to reflect the actual number of SNF admissions and patient co-morbidities as identified by HCFA in its calculation of predicted mortality rates. It is anticipated that these changes will result in the hospital's data for this period appearing within the predicted range for patient mortality.

Mercy American River Hospital remains a quality institution, providing competent, compassionate care to its patients. We appreciate the opportunity to submit our comments regarding these data.

Sincerely,

  
Sister Bridget McCarthy  
President,  
Mercy Healthcare Sacramento

SBM/cah



CALIFORNIA  
PACIFIC  
MEDICAL CENTER

Provider Number 050208

March 18, 1992

Gail R. Wilensky, Ph.D.  
Administrator, Health Care Financing Administration  
Medicare Hospital Information  
Bureau of Data Management and Strategy  
Room 3-A-12, Security Office Park Building  
6325 Security Boulevard  
Baltimore, Maryland 21207-5187

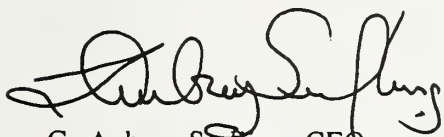
Dear Dr. Wilensky:

Thank you for the opportunity to respond to the 1990 HCFA Medicare Hospital Mortality Rate Data for Children's Hospital of San Francisco (now known as California Pacific Medical Center - California Campus).

We are pleased to see from this report that the mortality rates for this facility were at the low end of the predicted range.

Again, we appreciate the opportunity to respond to this data.

Sincerely,



G. Aubrey Serfling, CEO  
California Pacific Medical Center



Richard J. Cohen, M.D.  
Chief of Staff

GAS/RJC:mr  
Enclosure

California Campus  
3700 California Street  
(415) 387-8700

Formerly Children's Hospital of San Francisco

Mailing Address  
P.O. Box 7999  
San Francisco, California 94120

Member of California Healthcare System

Pacific Campus  
Clay at Buchanan Street  
(415) 563-4321

Formerly Pacific Presbyterian Medical Center

# DAVIES MEDICAL CENTER

Medicare Provider Number: 050008

March 16, 1992

Gail R. Wilensky, PhD, Administrator  
Health Care Financing Administration  
Medicare Hospital Information  
Bureau of Data Management and Strategy  
Room 3-A-12, Security Office Park Bldg  
6325 Security Blvd  
Baltimore, Maryland 21207-5187  
Attn: Robert Moore

Dear Mr. Moore:

Thank you for the opportunity to respond to the publication of the hospital mortality data for Medicare patients discharged from Davies Medical Center FY 1990. Once again, we strongly object to the publication of this data. For Davies Medical Center, the only statistically significant information is that which is reported for **all causes**. The number of cases in the Conditions and Procedures categories are too small to be statistically significant.

For those facilities where too few cases/conditions for statistical reliability were analyzed, mortality rate data should either not be published or a prominent disclaimer be included in the Mortality Rate Table heading. The data as presented is subject to misinterpretation and has serious potential for misuse and damage to the reputations of many fine, smaller medical facilities.

Sincerely,



Helen I. Fuson  
Vice President, Clinical and Diagnostic Services

cc: Mr. Greg Monardo, President  
Roland Perkins, M.D., Chief of Staff



# Community Hospitals of Central California

Fresno & "R" Streets, Fresno, CA 93721 / P.O. Box 1232, Fresno, CA 93715, (209)442-6000

Medicare Provider #050060

March 13, 1992

Gail R. Wilensky, Ph.D., Administrator  
Health Care Financing Administration  
Medicare Hospital Information  
Bureau of Data Management and Strategy  
Room 3-A-12, Security Office Park Bldg.  
6325 Security Boulevard  
Baltimore, Maryland 21207-5187

Attention: Robert Moore

Dear Dr. Wilensky:

We would like to express our sincere appreciation for this opportunity to comment on the Medicare Mortality data prior to its release to the media and public. Based upon the data compiled in 1990, Fresno Community Hospital and Medical Center experienced a higher rate of mortality among Medicare patients than the predicted rate. Therefore, we have undertaken substantial research efforts to identify and act upon whatever insights may be obtained from the data.

Although we were permitted only two weeks to analyze the data before submitting our comments, we would like to share our preliminary findings:

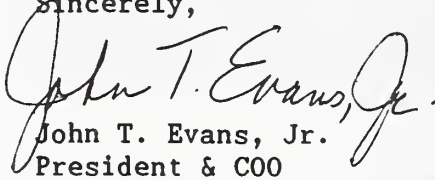
- o According to the HCFA report, only 1.3% of our 1990 Medicare admissions were patients admitted from a skilled nursing facility. A review of over 500 death charts indicates a rate of 15.8% admitted from a skilled nursing facility.
- o Comorbid conditions recognized for HCFA's mortality prediction differ from those used by HCFA for payment purposes. However, this listing is not widely published nor is it incorporated into the Medical Records coding systems. Consequently, comorbid conditions are significantly under-reported in the billing data that is used for the HCFA mortality study.
- o Permitting hospitals to report terminal or "Do Not Resuscitate" (No-Code) status on admission would greatly improve the significance and statistical methodology employed to analyze mortalities. Our review of the Medicare patients who died during the reporting period revealed almost 70% were "No-Code" status.

Our preliminary findings are consistent with studies published in the Journal of the American Medical Association in January 1990 and April 1991 which cited similar concerns with the statistical methodologies employed by the Medicare Mortality Study. As stated previously, our investigation is proceeding but our preliminary results lead us to conclude that our mortality rate is not high; rather the predicted rate is understated due to erroneous and incomplete data used in calculating the predicted rate.

We would like to point out that as a part of our on-going system for measuring and improving the quality of patient care, all deaths are reviewed. Also, we monitor our patient outcomes compared to other California hospitals utilizing data collected by the State. Using this methodology, our overall mortality rate is less than 3% and compares favorably to other facilities our size.

In summary, our review indicates that the mortality rate for Fresno Community Hospital and Medical Center is not high, but rather the predicted rate is understated. HCFA has attempted to measure an important dimension of quality; the outcome of care provided to high risk elderly and permanently disabled patients. However, we strongly endorse the development of a method for objectively measuring outcomes of care for all patients. To this end, we urge HCFA to modify its systems to improve data reliability and to produce reports which can be used to appropriately differentiate the quality of patient care provided by hospitals.

Sincerely,

  
John T. Evans, Jr.  
President & COO



ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



050320

HIGHLAND GENERAL HOSPITAL  
1411 E. 31st Street  
Oakland, California 9460  
(415) 534-805

March 17, 1992

Gail R. Wilensky, Ph.D., Administrator  
Health Care Financing Administration  
Medicare Hospital Information  
Bureau of Data Management and Strategy  
Room 3-A-12, Security Office Park Building  
6325 Security Boulevard  
Baltimore, Maryland 21207-5187  
ATTN: Robert Moore

re: Observed Mortality Rate, FY 1990 Medicare Admissions,  
Highland General Hospital

Dear Dr. Wilensky:

I am pleased to note that Highland General Hospital's observed mortality rate for all Medicare admissions for FY 1990 falls comfortably within the predicted range (2 standard deviations). The analysis presented is based on the limited information available to HCFA, and does not take into account many demographic characteristics of our patient population. 90% of our patients are medically indigent or Medi-Cal beneficiaries. Over 80% of our patients are admitted as an emergency, most have poor nutritional status, lack social support systems, and a high percent have a history of substance abuse or psychiatric diagnosis. 43% of our patients reside in Federally-designated Medically Underserved areas.

I am confident that, were these factors considered, the mortality rate at Highland General Hospital would be even better than the acceptable rate reported.

Very truly yours,

Ophelia Long  
Hospital Director



MEDICARE PROVIDER NUMBER: 050154

The following are corrections to Page 197, under "Hospital Characteristics", for MEMORIAL HOSPITAL CERES:

|                |     |
|----------------|-----|
| Total Beds     | 72  |
| Trauma Center  | NO  |
| Alcohol/Drug   | YES |
| Rehabilitation | NO  |

---

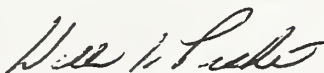
William K. Piche'  
President and Chief Executive Officer



MEDICARE PROVIDER NUMBER: 050557

The following are corrections to Page 199, under "Hospital Characteristics", for MEMORIAL MEDICAL CENTER (Modesto):

|                     |     |
|---------------------|-----|
| Total Beds          | 175 |
| Occupancy Rate      | 84% |
| Alcohol/Drug        | NO  |
| Psychiatric         | NO  |
| Medicare Swing Beds | NO  |

  
\_\_\_\_\_  
William K. Piche  
President and Chief Executive Officer



## MERCY HOSPITAL

The Hearts. The Hands. The Choice.

Mercy Hospital  
05-0117

March 16, 1992

Gail R. Wilensky, Ph.D., Administrator  
Health Care Financing Administration  
Medicare Hospital Information  
Bureau of Data Management and Strategy  
Room 3-A-12, Security Office Park Building  
6325 Security Boulevard  
Baltimore, MD 21207-5187

Attn: Robert Moore

Dear Mr. Moore:

Thank you for the opportunity to comment on the annual HCFA release of hospital mortality information. Mercy Hospital & Health Services welcomes the opportunity to discuss the quality of our care and services.

Our medical staff departments review every death in our facility for appropriate case management. We have a continuous quality monitoring system that provides ongoing review and supports our efforts to meet and exceed quality care standards. In addition, we take an active role in ensuring that our patients have access to post hospital care, furthering our commitment to a continuum of care.

In reviewing our hospital specific data for this year's report we note that the actual number of deaths occurring for all causes was lower than in previous years. The average age of our Medicare population of 74.9 years, combined with hospital specific co-morbidity data, is consistent with the slight increase in some of the medical categories. Overall, we are well within the point 2 times the standard deviation above and below the predicted rate.

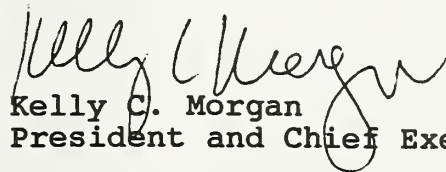
This report presents data calculated for 30, 90 and 180 days following hospital admission. With our average length of stay of 6.7 days, it should be recognized that some of the mortality rates may be influenced by external factors that have an impact on the outcomes of this particular population.



We continue to believe that this mortality information is useful to health care clinicians and administrators as an additional tool to analyze the quality and appropriateness of services provided. To be of benefit to the public, this mortality data should be used as one facet of many factors which may be used to judge overall hospital performance with regard to quality of care.

Again, thank you for the opportunity to present this response.

Sincerely,

A handwritten signature in dark ink, appearing to read "Kelly C. Morgan". The signature is fluid and cursive, with the first name "Kelly" being more prominent and the last name "Morgan" written in a more compact, flowing style.

Kelly C. Morgan  
President and Chief Executive Officer

# ENLOE HOSPITAL

W. 5th Avenue & The Esplanade  
Chico, California 95926  
(916) 891-7300

Medicare Provider No. 05-0039

A Nonprofit Corporation

March 9, 1992

Accredited by the Joint  
Commission on Accreditation of  
Healthcare Organizations

JAMES P. SWEENEY  
Executive Director

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Gail R. Wilensky, Ph.D., Administrator  
Health Care Financing Administration  
Medicare Hospital Information  
Bureau of Data Management and Strategy  
Room 3-A-12 Security Office Park Building  
6325 Security Boulevard  
Baltimore, Maryland 21207-5187

Attn: Robert Moore

Dear Dr. Wilensky:

This letter is to provide comments and response to the hospital specific selected mortality data prepared by Health Care Financing Administration (H.C.F.A.) of Medicare patients treated during 1989-1990.

Before commenting, some descriptive information about Enloe Hospital will be useful. First, Enloe Hospital is classified by California's Office of Statewide Health Planning and Development as a Large Complex hospital. Enloe Hospital is the only hospital in Health Systems Area (HSA) 1 with this designation. The classification is based, in part, on Enloe Hospital's broad range of specialized services, such as Open Heart Surgery, Cardiac Catheterization Laboratory, Radiation Therapy, Neurosurgery, Trauma Center, and FlightCare (our Helicopter Service).

Second, Enloe Hospital has many Medicare patients in Diagnosis Related groupings with high case weights. The result is a hospital-wide Medicare case-mix index of approximately 1.57. Enloe Hospital's case-mix index is among the highest four percent (4%) in the United States.

Third, Enloe Hospital has a high proportion of intensive care services. Enloe Hospital has four (4) adult intensive care services:

Coronary Care  
Intensive Care-Medical  
Intensive Care-Neuro/Neurosurgical  
Intensive Care-Trauma/Surgical

Gail R. Wilensky, Ph.D.  
March 9, 1992

Page Two

These four (4) units have a total of thirty-three (33) beds. In addition, there are twenty-three (23) beds in a "step-down" unit providing a level of care between intensive and general medical-surgical care. Enloe Hospital, also, has thirty-two (32) telemetry cardiac monitors.

Fourth, Enloe Hospital admits patients from a large geographic area. Cancer, cardiac, trauma, and respiratory patients, as well as others, are referred to specialists in Chico. Patient origin studies show approximately forty-five percent (45%) of Enloe Hospital's patients reside in Chico, twenty percent (20%) reside elsewhere in Butte County, and the remaining thirty-five percent (35%) reside outside Butte County.

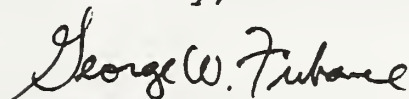
These factors demonstrate that Enloe Hospital provides diagnostic and treatment services to patients from a large geographic area, who have a high level of medical complexity and severity of illness.

Utilizing the data from the mortality data tables and determining predicted ranges of plus/minus 2 standard deviations from the predicted average, the predicted ranges for "all causes" are:

|          |             |
|----------|-------------|
| 30 days  | 7.6 - 10.0  |
| 90 days  | 12.0 - 15.2 |
| 180 days | 15.2 - 18.8 |

Considering this type of patients based on age, sex, previous hospitalizations, primary diagnosis, secondary diagnoses, and Enloe Hospital's high level of medical complexity and intensity of care, Enloe Hospital's actual experience was within the range of the predicted data.

Sincerely,



George w. Fribance  
Assistant Administrator



O'CONNOR  
HOSPITAL

2105 Forest Avenue  
San Jose, California 95128-1471  
(408) 947-2500

Gail Wilensky, Ph.D., Administrator  
Health Care Financing Administration  
Medicare Hospital Information  
Bureau of Data Management and Strategy  
Room 3-A-12, Security Office Park Building  
6325 Security Boulevard  
Baltimore, Maryland 21207-5187  
ATTN: Robert Moore

Medicare Provider #050153

March 19, 1992

Dear Mr. Moore,

Thank you for the opportunity to respond to the FY 1990 HCFA Medicare mortality information. We offer the following comments concerning the data for O'Connor Hospital:

- As with last year's data, we are concerned about the major discrepancies between the Medicare number of cases for each diagnosis and our own unduplicated count. Three examples of these differences are:

|                                             | <u>HCFA</u> | <u>O'CONNOR</u> |
|---------------------------------------------|-------------|-----------------|
| Chronic Obstructive Pulmonary Disease Cases | 34          | 71              |
| Open Reduction Hip Fracture Cases           | 54          | 67              |
| Coronary Artery Bypass Graft Cases          | 81          | 91              |

Such discrepancies result in an undercount of our cases which may have a significant effect on the mortality rates being reported. All cases were included in our Medicare billing and reimbursement records, indicating that the discrepancy likely exists in the HCFA database. We encourage HCFA to increase its quality control to assure higher validity of the data reported to the public.

- The following will address the three areas in which O'Connor Hospital's observed mortality exceeded the predicted rates, and give brief comments on the integrity of the information as presented.

Coronary Artery Bypass Grafts

For the period under study, O'Connor Hospital evaluated post-CABG mortality under the direction of a physician task force and using the Parsonnet method of risk stratification. We found that 37.5% of the mortalities occurred in Medicare patients who were in the "extremely high risk" category. When adjusted for preoperative severity of illness, the observed mortality was actually less than the predicted rate. This method of risk stratification which differs from that used by Medicare, is highly regarded for its design and execution which includes extensive medical input and case review. The results, which differ from those presented in the HCFA report, are considered statistically reliable.





Chronic Obstructive Pulmonary Disease

It should be noted that the sample size of 34 cases is too small to produce observed and predicted mortality that can be compared with precision and integrity around a reliable standard deviation. The uninformed reader of this report will see a large variation between the observed and predicted and is likely to reach an inappropriate conclusion.

Noting this variation, each of the deaths was reviewed by a pulmonary specialist who found that each of the patients had end-stage emphysema, six of the seven were emergency admissions, and most importantly, in six of the seven cases the patients refused intubation and ventilatory support to prolong life.

Open Reduction of Hip Fracture

According to O'Connor Hospital statistics, of the six deaths in this category, two died in the hospital and four died within 30 days after discharge. All charts were reviewed by an orthopedic specialist who noted that five of these had multiple system comorbidities. One of the two who died while in the hospital had requested that no heroic measures be taken to prolong life. Information on patient advance directives is not one of the factors considered in the mortality statistics. However, our chart review has revealed for the second year in a row, that an increasing number of deaths occur with prior direction not to take extraordinary life saving measures. This trend should be acknowledged when mortality data is published by HCFA.


Of the four ORHF patients who died in the hospital, all were transferred to skilled nursing facilities for convalescence. None was sent to the same facility, indicating no pattern associated with a particular facility. Additional investigation into these deaths to determine cause of death was precluded by the unusually short timeframe given for the preparation of this response.

In summary, O'Connor Hospital recommends that HCFA take the following into consideration in the future:

- Institute better quality controls to assure that the number of cases reported are consistent with those of the affected hospitals.
- Test the use of other more reliable methods of evaluating the observed and predicted mortality rates; these may include factors more relevant and specific to each condition being analyzed.
- Consider not reporting information when the sample size is too small to produce statistically significant results. As currently presented, the information may lead the casual reader to reach erroneous and inappropriate conclusions.
- Determine a means to incorporate or account for the effect of the Federally-mandated advance directives that may begin to produce statistical aberrations in the near future.

Again, O'Connor Hospital appreciates the opportunity to comment on this information prior to its release to the public. If you wish to contact us for further information, please call Jeane West, Director of Quality Management, (408) 947-2702.

Sincerely,

  
William C. Finlayson  
Chief Executive Officer

CALIFORNIA  
PACIFIC  
MEDICAL CENTER

Provider Number 050047

March 18, 1992

Gail R. Wilensky, Ph.D.  
Administrator, Health Care Financing Administration  
Medicare Hospital Information  
Bureau of Data Management and Strategy  
Room 3-A-12, Security Office Park Building  
6325 Security Boulevard  
Baltimore, Maryland 21207-5187


Dear Dr. Wilensky:


Thank you for the opportunity to respond to the 1990 HCFA Medicare Hospital Mortality Rate Data for Pacific Presbyterian Medical Center (now known as California Pacific Medical Center - Pacific Campus).

We are pleased to see from this report that the mortality rates for this facility were at the low end of the predicted range.

Again, we appreciate the opportunity to respond to this data.

Sincerely,

  
G. Aubrey Seftling, CEO  
California Pacific Medical Center

  
Neal S. Birnbaum, M.D.  
Chief of Staff

GAS/NSB:mr  
Enclosure

California Campus  
3700 California Street  
(415) 387-8700

Mailing Address  
P.O. Box 7999  
San Francisco, California 94120

Pacific Campus  
Clay at Buchanan Street  
(415) 563-4321

## DEPARTMENT OF DEVELOPMENTAL SERVICES

Building Capabilities  
and Independence

## PORTERVILLE DEVELOPMENTAL CENTER

P.O. BOX 2000, PORTERVILLE, CA 93258-2000

(209) 782-2222

TDD (209) 781-7822



March 18, 1992

Medicare Provider No. 050546

Gail R. Wilensky, Ph.D., Administrator  
Health Care Financing Administration  
Medicare Hospital Information  
Bureau of Data Management and Strategy  
Room 3-A-12, Security Office Park Building  
6325 Security Boulevard  
Baltimore, MD 21207-5187

Attention: Robert Moore

Dear Dr. Wilensky:

Porterville Developmental Center is a state owned and operated facility for developmentally disabled individuals of all ages. The facility is licensed for 1234 beds, with the following designation: 49 General Acute Care, 440 Nursing Care, and 745 Intermediate Care. The facility has a relatively stable client population, with many clients having resided here for as long as twenty years.

Clients are admitted to the acute hospital for general medical and surgical treatment. They come from either the nursing facility or intermediate care portion of the facility and return there upon discharge from the hospital. On occasion, clients residing in the community, who are unable to find needed services, are admitted to the hospital for short-term acute treatment.

We believe that our mortality rate is below the predicted rate for Medicare patient admissions due to the availability of around-the-clock medical and nursing services. Additionally, since the client population is a relatively stable one, it is easier to follow medical problems closely and make adjustments in health care planning as needed.

Sincerely,

Santi J. Rogers  
Executive Director

SJR:vc

cc: Executive Committee  
Dorothy Lewis, ART



# SUMMIT

MEDICAL CENTER

Medicare Provider #050053  
March 17, 1992

Gail R. Wilensky, Ph.D., Administrator  
Health Care Financing Administration  
Medicare Hospital Information  
Bureau of Data Management and Strategy  
Room 3-A-12, Security Office Park Building  
6325 Security Boulevard  
Baltimore, Maryland 21207-5187

Attention: Robert Moore

Dear Dr. Wilensky:

Thank you for giving us the opportunity to provide input on the analysis of HCFA's patient mortality data. As of March 1, 1992, Providence Hospital Oakland and Samuel Merritt Hospital merged to form Summit Medical Center. I am responding for Providence Hospital Oakland.

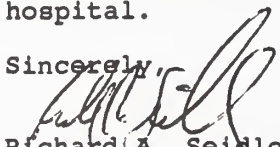
The Director of Medical Records and Director of Quality Management have evaluated the data provided by HCFA, and our records indicate significantly different results. Below, we compare the HCFA reported results with our actual mortality rate for Acute MI:

| CONDITION/PROCEDURE | HCFA   |         |                | ACTUAL |         |                |
|---------------------|--------|---------|----------------|--------|---------|----------------|
|                     | #Cases | #Deaths | Mortality Rate | #Cases | #Deaths | Mortality Rate |
| Acute MI            | 54     | 18      | 33.3           | 135    | 4       | 17.8           |

We would be happy to work with you to explore possible reasons for the discrepancies.

The Medical Staff of Providence Hospital Oakland conducts extensive review of the case of each patient who expires in this facility, regarding medical management and overall care. The Quality Assurance Program assures that mortality review is an ongoing process at this hospital.

Sincerely,

  
Richard A. Seidler  
Sr. V.P. and C.O.O.  
Summit Medical Center





# Saint Agnes Medical Center

March 19, 1992

Medicare Provider #050093

Dear HCFA Administrator:

Saint Agnes Medical Center appreciates the opportunity to provide input and clarification on the mortality data for our organization. Comprehensive mortality data based on complete data would provide one measure of quality when compared to a high quality prediction model. We have performed an extensive review of the data and want to share the following:

- Two patients identified as expired in the study period were not registered at our hospital.
- The mortality report did not include 27 deaths for Medicare patients treated at our facility for stroke, acute myocardial infarction, congestive heart failure, and transient cerebral ischemia.
- We identified 668 Medicare discharges during the fiscal year 1990 that were not included in the Medicare Mortality Report. This information excludes multiple admissions.
- The number of mortalities was impacted by the patient condition upon admission to our facility. This is supported by the fact that 61% of all mortalities were admitted through our emergency room in a high acuity status.
- 56% of all of these mortalities were for patients who were over 75 years of age.

These differences in basic data generate concerns in our mind as to the quality of the data and the statistical model used to perform the mortality analysis. If the data used to perform this analysis included the information above, the actual mortality would be different and the prediction model may demonstrate significantly different results.

HCFA Administrator  
Page Two  
March 18, 1992

We believe that this initiative to provide appropriate quality information to patients and their families should continue, however, the integrity of the data must be enhanced to provide meaningful information to the public.

Thank you for this opportunity to comment on this study. We look forward to working with you to improve the quality of the services we provide not only to Medicare patients but to all patients.

Sincerely,

*Sister Ruth Marie Nickerson, CSC*  
Sister Ruth Marie Nickerson, CSC  
President & Chief Executive Officer



**Saint Louise Hospital**

*"A Mission of Caring"*

18500 Saint Louise Drive  
Morgan Hill, CA 95037  
408/779-1500

March 19, 1992

Medicare Provider # 050688

Gail Wilensky, Ph.D.  
Administrator  
Health Care Financing Administration  
Medicare Hospital Information  
Bureau of Data Management and Strategy  
Room 3-A-12, Security Office Park Building  
6325 Security Boulevard  
Baltimore, Maryland 21027-5187

**SUBJECT: MEDICARE HOSPITAL INFORMATION - 1992**

Dear Mr. Moore:

This response is regarding the mortality data for the period October 1989 - September 1990. I wish to offer the following comments for Saint Louise Hospital.

1. The hospital began operations in October 1989 and therefore the mortality rates for diagnoses such as sepsis 1/3, and acute myocardial infarction 1/4 are not significant due to the small numbers.
2. Case records relative to the mortality rates for hip fracture at 14.3 were reviewed. The average age was 85, and in one case 1/4 death occurred outside this facility at 2 months.
3. Case records reviewed relative to mortality for the diagnosis of pneumonia/influenza revealed the average age to be 81, with multiple comorbidities such as COPD, respiratory failure, renal failure and CVA.

I would recommend that mortality rates for sepsis and acute myocardial infarction be deleted from the final publication due to the small numbers which are statistically insignificant, and that average age and comorbidities be listed in the final publication so that those who have access to this mortality data have a more objective view of the outcomes when comparing data from different hospitals.

Sincerely,

Ronald R. Watson, M.D.  
Vice President, Professional Services





# SUMMIT

MEDICAL CENTER

Medicare Provider #050043

March 17, 1992

Gail R. Wilensky, Ph.D., Administrator  
Health Care Financing Administration  
Medicare Hospital Information  
Bureau of Data Management and Strategy  
Room 3-A-12, Security Office Park Building  
6325 Security Boulevard  
Baltimore, Maryland 21207-5187

Attention: Robert Moore

Dear Dr. Wilensky:

Thank you for giving us the opportunity to provide input on the analysis of HCFA's patient mortality data. As of March 1, 1992, Samuel Merritt Hospital and Providence Hospital Oakland merged to form Summit Medical Center. I am responding for Samuel Merritt Hospital.

The Director of Medical Records and the Director of Quality Management have evaluated the data provided by HCFA, and our records indicate significantly different results. Below, we compare the HCFA reported results with our actual mortality rates for three of the categories:

| CONDITION/PROCEDURE                | HCFA   |         |                | ACTUAL |         |                |
|------------------------------------|--------|---------|----------------|--------|---------|----------------|
|                                    | #Cases | #Deaths | Mortality Rate | #Cases | #Deaths | Mortality Rate |
| Acute MI                           | 86     | 26      | 30.2           | 138    | 27      | 19.56          |
| Angioplasty                        | 165    | 6       | 3.6            | 369    | 10      | 2.7            |
| Hip Replacement/<br>Reconstruction | 119    | 6       | 5.0            | 206    | 4       | 1.9            |

We would be happy to work with you to explore possible reasons for the discrepancies.

Merritt Hospital's Cardiac Surgery program has been operating for over 20 years. In the past five years, we have seen an increase in repeat Coronary Artery Bypass Graft surgeries. We are also seeing an older population of patients with a higher incidence of multi-system disease. These patients have a greater risk of mortality during the repeat procedure than patients undergoing original CABG surgery. We have implemented a program for prescreening cardiac patients' surgical risk involving the Cardiac Surgeons and Cardiologists. We have documented a decrease in our cardiac surgery mortality rate for 1991.

The Medical Staff of Samuel Merritt Hospital conducts extensive review of the case of each patient who expires in this facility, regarding medical management and overall care. The Quality Assurance Program assures that mortality review is an ongoing process at this hospital.

Sincerely,

Richard A. Seidler  
Sr. V.P. and C.O.O.  
Summit Medical Center



**City and County of San Francisco**



**Department of  
Public Health**

San Francisco General Hospital  
Medical Center

Hospital I.D. 050228

March 13, 1992

Gail R. Wilensky, Ph.D.  
Administrator  
Health Care Financing Administration  
Medicare Hospital Information Bureau of Data  
Management and Strategy  
Room 3-A-12, Security Office Park Building  
6325 Security Boulevard  
Baltimore, MD 21207-5187

Attention: Robert Moore

Dear Dr. Wilensky:

We were pleased to review the FY 1990 Medicare Hospital Mortality Rates for San Francisco General Hospital and to learn that our actual mortality rates for all causes at 30, 90, and 180 days were within the standard deviation of the predicted rates and are consistent with data reviewed in 1988 and 1989.

We are proud that our hospital mortality rates are within predicted values; particularly, because we are the City's Trauma Center, and the overwhelming majority of our admissions come through our Emergency Department. We interpret the rates as a sign of the high quality of care provided to patients at San Francisco General Hospital.

Thank you for allowing us to comment on these data, which are helpful for our quality improvement efforts at San Francisco General Hospital.

Sincerely,

A handwritten signature in dark ink, appearing to read "Richard D. Cordova", written over the word "Sincerely,".

Richard D. Cordova  
Executive Administrator, SFGHMC



*San Joaquin General Hospital / A Division of San Joaquin County Health Care Services*

March, 1992

San Joaquin General Hospital's Response, ID # 05-0167  
Medicare Mortality Information  
Calendar year 1990

Medicare admissions for the calendar year 1990 represented approximately 10.5% of all admissions. The average age of these patients was 63.9 years, and most of them were from the lowest socioeconomic segment of this area's population.

Because it is a public hospital, San Joaquin General receives a high proportion of patients whose condition at admission is marked by a very high severity of illness compared with those of similar age and diagnoses admitted to private facilities. Eighty one percent of our patients during this time period were admitted for emergencies.

Factors which contributed to the marked degree of illness and risk for mortality in many members of this patient group were the high co-morbidity rate, with many or a majority of the patients suffering from multisystem health problems. These problems included end-stage renal disease, diabetes, hypertension, cardiac disorders, malignancy, mental health afflictions, alcohol and tobacco abuse, and malnutrition. In addition, many of the patients lack family support and exhibit non-complaint behavior. All of the above-cited factors combine to present to public hospitals Medicare patients whose morbidity and mortality rates are significantly higher than the general patient population.

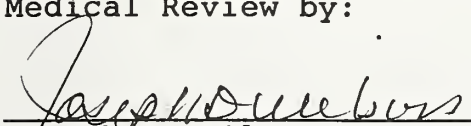
The overall 1990 mortality rate of all patients falls within the range predicted by HCFA for the 30, 90 and 180 days post-admission (as was the case in 1988 and 1989 as well). In some categories there were variations from the predicted norms, however, but the case numbers are too small to be statistically significant. All deaths at San Joaquin General Hospital are reviewed by the individual departments and discussed in Morbidity and Mortality conferences. In addition, after the receipt of HCFA mortality data, individual case review of Congestive Heart Failure, Hip Fracture, Chronic Obstructive Pulmonary disease, Sepsis, Hip Replacement/Reconstruction and Prostatectomy was performed.

In every instance on review there were single or multiple grave complicating factors which explained the adverse outcome

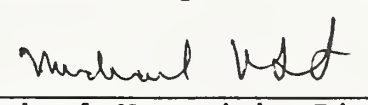
satisfactorily, such as prolonged shock, respiratory or cardiac arrest requiring resuscitation, wide-spread malignancy, coma, end-stage renal disease or hepatic failure.

Our review indicates that San Joaquin General Hospital is providing quality care to all of our patients, including our Medicare patients. Our individual departments and our Quality Assurance committee will continue efforts to ensure that the highest standards prevail.

Medical Review by:

  
\_\_\_\_\_  
Joseph D. Wilson, M.D.  
Assistant Medical Director

Submitted by:

  
\_\_\_\_\_  
Michael N. Smith, Director  
San Joaquin County Health  
Care Services

# SONORA COMMUNITY HOSPITAL



March 19, 1992

Hospital's Medical Provider No. 050335

Gail R. Wilensky, PhD, Administrator  
Healthcare Financing Administration  
Medicare Hospital Information  
Bureau of Data Management and Strategy  
Room 3-A-12, Security Office Park Building  
6325 Security Boulevard  
Baltimore, Maryland 21207-5187  
Attn: Robert Moore

Dear Ms. Wilensky:

We at Sonora Community Hospital appreciate the opportunity to provide this written response in advance of the publication of the Mortality Rate Report by the Healthcare Financing Administration ("HCFA").

Our hospital joins the California Association of Hospitals and Health Systems and the American Hospital Association in supporting consumer access to useful and reliable information. To this end our hospital is working through state and national organizations to assist HCFA in improving the accuracy and reliability of its data.

There are serious questions to be resolved and modifications of the HCFA methodology that need to be made. In the meantime the HCFA mortality data can be used to enhance a hospital's peer review process and can serve as indicators of areas for follow-up, clinical, and management review. However the mortality data as it presently exists is not useful as a valid measurement of quality. This is because the quality of the medical care is not isolated from other influencing factors which play a part in determining a patient's outcome.

In reviewing the statistical information provided in this report we are pleased to note that our facility appears overall to be within an acceptable range of statistical threshold represented. However we do have a concern that the HCFA predicted mortalities do not satisfactorily address the important following variables:



1. Severity of illness
2. Death from causes not related to health conditions occurring after discharge from the hospital
3. Admissions of patients who are terminally ill
4. General health and psychological state of the patients upon admission
5. Age of the patient
6. Designated trauma centers

It is quite apparent that the predicted mortality rates for Sonora Community Hospital in the category of pneumonia/influenza do not appropriately consider all of the above variables. An extensive review of our data base for this category indicates that 45.5 percent of our patients had co-morbidities of chronic cardiovascular disease and 20.8 percent chronic pulmonary disease. In addition the average age of admission in the Medicare grouping for Sonora Community Hospital is 75 years. These factors should have been considered in comparing observed rates with predicted rates.

In addition Sonora Community Hospital has a 68 bed distinct-part skilled nursing facility from which patients are transferred to our acute-care hospital. This in fact establishes a patient population base which will most likely have a higher severity of illness.

A higher than average severity of illness and an older Medicare population base are just two of the contributory factors that have placed our observed mortality rate for pneumonia/influenza above the predicted mortality rates.

We appreciate the opportunity to comment on this Medicare hospital information and commit our efforts to assist HCFA in continuously improving the mortality reports. Please contact me if you have any questions or need clarification regarding this matter.

Sincerely,



Larry A. Davis  
President

# SAINT FRANCIS

## MEMORIAL HOSPITAL

March 13, 1992

Dear Health Care Consumer:

Saint Francis Memorial Hospital, an acute, non-profit community hospital, located near downtown San Francisco, is pleased to comment on the HCFA 1990 mortality rates.

Approximately 47% of our discharges are Medicare patients. In addition to a wide range of medical and surgical services, we offer the following specialized services: a sophisticated oncology (cancer) unit, a psychiatric service which includes both "locked" and "unlocked" areas, a burn center and a general intensive care unit, as well as a coronary care unit.

The Medical Staff at Saint Francis Memorial Hospital conducts an intensive review of the medical record of every patient who expires at this facility with regard to medical management and overall care. We also review 100% of invasive procedures for appropriateness. This review insures that there are appropriate indications for the performance of the procedure. Mortality review and invasive procedure indications review are ongoing processes of the Quality Assurance Program, and peer review activities are an integral part of the monitoring of the healthcare delivery system at this hospital. The Joint Commission on Accreditation of Healthcare Organizations has given this facility its highest commendations for the hospital Quality Assurance Program and the the excellent peer review process that is performed.

The hospital's specific mortality data reported by HCFA has been carefully reviewed by: the hospital administrators; the Chief of the Medical Staff; the Utilization Review, Quality Assurance and Medical Executive Committees of the Medical Staff; and the Manager of Medical Records. Our overall percentage of deaths is well within the predicted range for all time periods in each of the three years studied.

Saint Francis Memorial Hospital is proud of its long history of delivering excellent service to the community and feels that these statistics will assist us in focusing our efforts for further improving the care delivered to our patients. We support all responsible efforts designed to assist healthcare consumers in making informed choices. If you have a question, please call:

Jannine Howard, Community Relations  
(415) 353-6641

Sincerely,



John G. Williams  
President/CEO



Frank R. Malin, M.D.  
Chief of the Medical Staff (Acting)

900 Hyde Street  
San Francisco, California 94109  
(415) 775-4321

ST.  
HELENA  
HOSPITAL



A Member of Adventist Health System/West

HEALTH  
CENTER

March 5, 1992

Gail R. Wilensky, PhD., Administrator  
Health Care Financing Administration  
Medicare Hospital Information  
Bureau of Data Management and Strategy  
Room 3-A-12, Security Office Park Building  
6325 Security Boulevard  
Baltimore, Maryland 21207-5187  
Attn: Robert Moore

Dear Mr. Moore:

St. Helena Hospital & Health Center is a 188 bed acute care full service institution offering care in specialty areas of cardiology and cardiovascular surgery, pulmonary rehabilitation, chemical dependency recovery, adult and adolescent psychiatric services as well as a host of outpatient wellness programs. The case mix includes many patient with major medical and surgical illnesses.

The Medical Staff at St. Helena Hospital & Health Center conducts an intensive review (regarding medical management and overall care) of the medical records for every patient who expires at this facility. One hundred percent review of all patients is an ongoing process of the Quality Assurance program and Peer Review activities are an integral part of the monitoring of the healthcare delivery system at this hospital.

The hospital specific mortality data submitted by CMRI has been validated by the Director of Medical Information Services. In addition, it was carefully reviewed by:

- The Hospital Administrator
- President of the Medical Staff
- Physician department chairs
- Members of Medicine, Surgery, and Executive committees

St. Helena Hospital & Health Center mortality rates in all causes, for 1990 were lower than what the state predicted the mortality rates would be.

Of note, this data release included cumulative data for the period October 1, 1989 through September 30, 1990. The last two years St. Helena Hospital & Health Center has been below the predicted range.

As previously stated, ongoing quality care reviews are conducted on an individual case basis and results are trended--not just when statistics such as CMRI mortality data are released.

Thank you for the opportunity to present this response.

Sincerely,

A handwritten signature in cursive script, appearing to read "Heffner".

Lenard Heffner, MD  
Chief Executive Officer

A handwritten signature in cursive script, appearing to read "Carl L. Bauer".

Carl L. Bauer, MD  
President of Medical Staff



# Surprise Valley Hospital District

Post Office Box 246 - Cedarville, CA 96104

Surprise Valley Community Hospital (916) 279-6111  
Surprise Valley Medical Clinic (916) 279-6115

A Public Entity

## Board of Directors

Steve Hicks, President  
John Erquiaga, Vice President  
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Administrator  
Donna M. Donald

Hospital ID: 050676

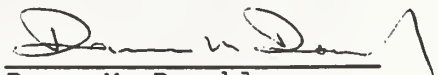
March 06, 1992

## Comments regarding Medicare Hospital Information - 1992

For Fiscal Year 1990 (07/01/89 thru 06/30/89) we had 36 Medicare discharges. Medicare Hospital Information - 1992 indicates 13 for our hospital. This is a large discrepancy, which changes our mortality rate considerably. Also, in that same time frame one more death occurred which is not included. This occurred 09/08/89 with death occurring in the hospital.

If Fiscal year is considered to be 10/01/89 thru 09/30/89, then again the statistics are not correct. In that time frame we had 28 Medicare discharges and 3 deaths.

Please direct any questions or comments to: Janet Hill (916) 279-6111.



Donna M. Donald  
Administrator

DMD:jh



# Tulare District Hospital

869 CHERRY STREET • TULARE, CA 93274 • (209) 688-0821

JERRY W. BOYTER

Administrator

March 13, 1992

Health Care Financing Administration  
Attention: Robert Brown  
Medicare Hospital Administration  
Bureau of Data Management and Strategy  
Room 30A-12, Security Office Park Building  
6325 Security Boulevard  
Baltimore, Maryland 21207-5187

Certified P 118 597 484

Dear Mr. Brown:

Thank you for this opportunity to respond to HCFA's current release of data on actual and predicted mortality rates for Medicare patients discharged in fiscal year (FY) 1990 (October 1, 1989--September 30, 1990).

In conjunction with our Utilization Review Department, every death listed in the categories of Congestive Heart Failure and Pneumonia/Influenza has been reviewed. Based upon comprehensive review of HCFA's data and the specific medical records which it reflects, we think you and any member of the public who requests a copy of our statistical information will be interested in this additional information:

Many of this hospital's Medicare patients are at high risk when they enter the hospital and have multiple contributing comorbid conditions. Approximately 30% of our Medicare patients are initially seen in our Emergency Department or admitted to the hospital from nursing homes which may result in statistically higher death rates.

The small number of patients identified in each category, with just a few deaths, can have a significant effect on the statistical information.

As a rural facility, we see a high percentage of patients who have chronic disease processes and multiple admissions to the hospital during this process. They have numerous medical problems in addition to their principle diagnosis

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Board of Directors

including, but not limited to, respiratory failure, chronic obstructive pulmonary disease, cerebral vascular accidents, advanced stages of cancer, malnutrition and dehydration in addition to congestive heart failure and pneumonia.

On an on-going basis, our Medical Staff Service Committees have always reviewed every death in our facility to insure that appropriate and quality medical care is being offered to each of our patients.

Tulare District Hospital will continue to review HCFA's data very closely as it is released each year.

Thank you for this opportunity to present this response. If you or anyone receiving this material have any additional questions, please do not hesitate to call me at 209/688-0821.

Sincerely,



Jerry Boyter  
Administrator

JWB/jv

March 18, 1992

Medicare Provider #: 050454

Gail R. Wilensky, PhD, Administrator  
Health Care Financing Administration  
Medicare Hospital Information  
Bureau of Data Management and Strategy  
Room 3-A-12, Security Office Park Building  
6325 Security Boulevard  
Baltimore, Maryland 21207-5187

Dear Dr. Wilensky:

On behalf of the Medical Center and the Medical Staff of the University of California at San Francisco, I am writing in response to the pending release of the 1990 hospital mortality information. We will reserve our comments to those areas where the data show us to be in excess of the predicted mortality range for a selected condition or procedure.

The data for "Pneumonia/Influenza" identify a total of 17 deaths for our institution, seven of which occurred in the hospital. Our analysis of these cases revealed that six patients were readmitted to the hospital between the "pneumonia" admission and their subsequent death for other serious conditions (stroke, acute MI, metastatic carcinoma, CMV retinitis in AIDS, end-stage renal disease, ALL/necrotizing fasciitis). The selection of the random "pneumonia" admission thus masked the more serious underlying disease process in these six cases. Additional information regarding this group includes the fact that six of the 17 patients were documented "Do Not Resuscitate" (DNR) throughout their hospital stay, indicating that death was anticipated.

The data for "COPD" identify a total of seven deaths, four of which occurred during a hospital stay. Three of these patients were "DNR" throughout their hospitalization; they were not expected to survive. A fourth patient, who was "DNR" throughout the hospital stay was in fact discharged alive but died three days later. All three patients who died following their discharge had serious underlying diseases in addition to COPD which contributed to their deaths; these conditions included lung cancer, atrial fibrillation/ coronary heart disease/hypertension, and insulin-dependent diabetes/empyema.

The data for "Sepsis" reveal seven deaths, six of which occurred during hospitalizations. All six of those patients were "DNR" throughout their stay; their survival was not expected. Two patients




were admitted from nursing homes, one was transferred from another acute hospital, and another was under hospice care at home at the time of hospital admission.

Five deaths are identified within the Coronary Artery Bypass Graft procedure group; three of those deaths occurred during the hospital admission. Two of these three patients had aortic valve replacement at the time of the bypass graft; the CABG was actually a secondary procedure which may not have been done were it not for the necessity of the AVR. We assume that it was not HCFA's intention to include patients who underwent combined AVR/CABG's within this procedure group, as the combined procedure is far more serious than an isolated CABG, and the predicted mortality rate for the combined procedure would undoubtedly be greater.

With respect to the single death listed in the Carotid Endarterectomy procedure group, our own overall mortality rate for this procedure has been studied since 1988, and has consistently met established thresholds. This case, as all other deaths, was reviewed by the Department Quality of Care Committee and subsequently by the Medical Staff Surgical Case/Hospital Mortality Review Committee, with no findings of concern.

In all but one of the groups discussed, the number of cases reported was insufficient to compute a standard deviation to enable further significant statistical analysis. Nonetheless, we view the data with serious interest as a potential indicator of areas for further attention. With respect to the data included in this year's report, however, we found that the selection of a "random" hospital admission for one condition or procedure has in many cases masked the more significant underlying disease process which can be presumed to be the eventual cause of the patient's death. While the data are still of value in directing attention to apparent areas of concern, the comparison of hospital-specific mortality rates by condition or procedure group is invalidated by this flaw in the methodology. Additionally, the inclusion of patients who underwent aortic valve replacement in the coronary artery bypass graft group is, we assume, an error, and as such negates the usefulness of the data for that particular procedure group.

Sincerely,



William B. Kerr  
Director  
Medical Center

WBK:nv

cc: Julius R. Krevans, MD  
Stan M. Lindenfeld, MD  
Joseph B. Martin, MD  
James W. Ostroff, MD  
Theodore R. Schrock, MD

RE: Hospital ID#: 050213

March 18, 1992

Gail R. Wilensky, Ph.D., Administrator  
Health Care Financing Administration  
Medicare Hospital Information  
Bureau of Data Management and Strategy  
Room 3-A-12, Security Office Park Building  
6325 Security Boulevard  
Baltimore, Maryland 21207-5187

ATTN: Robert Moore

Dear Dr. Wilensky:

This letter is being written in response to the recent release of Medicare hospital mortality information.

There are many factors relating to our patients that need to be considered in relation to the published rates. Valley Medical Center (VMC) is a county-owned teaching and tertiary care facility that is the primary provider of care for the indigent population of Fresno County as well as a major provider of tertiary care for the indigent population of Madera, Kings and Tulare Counties. It is the only Level One Trauma Center and the only Burn Center in the central part of the state.

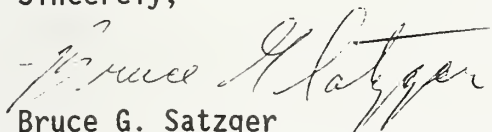
Patients from low socio-economic status generally present with a number of conditions which impact their medical problems. Many VMC patients experience poor living conditions, including makeshift housing with little control over heat and cold, and confinement to an environment conducive to the development and transmission of disease. Poor nutrition is another important factor in aggravating illness. These conditions often prevail in the large migrant worker population in the geographic area served by VMC. With a long history of poor access to health care, many VMC indigent patients have received no primary care and often present with far-advanced illness and many serious comorbid conditions. Poor grasp of the English language and differences in cultural perceptions of disease and its treatment are frequent and significant causes of tardiness in seeking health care and noncompliance in treatment of many VMC patients. These factors are apparent in some of the disease categories listed in the HCFA statistics. For example, in the sepsis item, the average number of comorbidities was 8.5 (5-15) with a 70% malnutrition rate. Examination of patient records listed in the pneumonia/influenza category revealed no evidence of the diseases in three cases. Consequent adjustment of this category results in reducing the mortality rate within a single standard deviation. Particulars of these cases are attached.

Robert Moore, Medicare Hospital Information  
Health Care Financing Administration  
March 18, 1992  
Page two

RE: Hospital ID#: 050213

In addition to the special factors recounted above that are peculiar to VMC and other comparable indigent care teaching institutions, additional thoughts concerning the HCFA study occur to us. We suggest that deaths occurring 180 days after hospital discharge constitute more of a measurement of the poor general health of patients rather than an assessment of the impact of the hospital on the patients' outcome. Further, we feel that in the light of the discussion above, comparison of VMC with unlike institutions produces grossly misleading results.

Sincerely,

A handwritten signature in cursive script, appearing to read "Bruce G. Satzger".

Bruce G. Satzger  
Administrator & Chief Executive Officer

BS/RAL/cp

Attachment









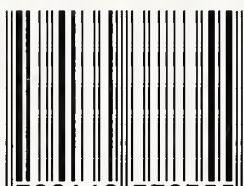


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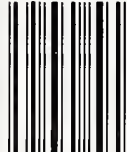


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